

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044418.D
 Acq On : 19 Dec 2024 06:51
 Operator : JC/MD
 Sample : P5317-20MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20241217MSD

Quant Time: Dec 19 07:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	116949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100683	49.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.200%
35) Dibromofluoromethane	5.379	113	77439	52.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.220%
50) Toluene-d8	8.647	98	260771	52.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	11.079	95	92575	53.347	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94910	52.485	ug/l	95
3) Chloromethane	1.294	50	91353	52.828	ug/l	99
4) Vinyl Chloride	1.374	62	94923	52.690	ug/l	99
5) Bromomethane	1.593	94	65294	51.087	ug/l	99
6) Chloroethane	1.660	64	56136	50.041	ug/l	98
7) Trichlorofluoromethane	1.861	101	164127	46.536	ug/l	97
8) Diethyl Ether	2.136	74	58021	48.195	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.312	101	82128	57.547	ug/l	98
10) Methyl Iodide	2.440	142	103771	55.170	ug/l	96
11) Tert butyl alcohol	2.995	59	68303	236.352	ug/l	98
12) 1,1-Dichloroethene	2.306	96	74788	57.053	ug/l	94
13) Acrolein	2.239	56	103223	246.755	ug/l	100
14) Allyl chloride	2.654	41	109683	50.235	ug/l	97
15) Acrylonitrile	3.068	53	207951	259.773	ug/l	99
16) Acetone	2.392	43	188359	225.321	ug/l	95
17) Carbon Disulfide	2.501	76	136752	54.881	ug/l	98
18) Methyl Acetate	2.709	43	91330	42.373	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	257121	50.264	ug/l	97
20) Methylene Chloride	2.782	84	82193	52.348	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	75912	54.489	ug/l	96
22) Diisopropyl ether	3.763	45	246112	50.057	ug/l	97
23) Vinyl Acetate	3.721	43	882527	220.784	ug/l	99
24) 1,1-Dichloroethane	3.605	63	146892	53.598	ug/l	99
25) 2-Butanone	4.562	43	295478	248.629	ug/l	99
26) 2,2-Dichloropropane	4.465	77	64400	28.925	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	94786	53.571	ug/l	90
28) Bromochloromethane	4.891	49	64892	48.286	ug/l	98
29) Tetrahydrofuran	5.013	42	190066	249.164	ug/l	99
30) Chloroform	5.092	83	158091	51.341	ug/l	97
31) Cyclohexane	5.458	56	114705	51.830	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	131697	51.524	ug/l	99
36) 1,1-Dichloropropene	5.684	75	95317	50.092	ug/l	99
37) Ethyl Acetate	4.721	43	98162	41.733	ug/l	98
38) Carbon Tetrachloride	5.665	117	107044	52.253	ug/l	97
39) Methylcyclohexane	7.373	83	111938	49.208	ug/l	99
40) Benzene	6.031	78	308489	53.397	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044418.D
 Acq On : 19 Dec 2024 06:51
 Operator : JC/MD
 Sample : P5317-20MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20241217MSD

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 07:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	61093	48.914	ug/l	97
42) 1,2-Dichloroethane	6.080	62	120186	50.501	ug/l	99
43) Isopropyl Acetate	6.342	43	168928	45.950	ug/l	98
44) Trichloroethene	7.123	130	267679	185.797	ug/l	100
45) 1,2-Dichloropropane	7.427	63	76356	51.732	ug/l	98
46) Dibromomethane	7.580	93	59613	52.060	ug/l	94
47) Bromodichloromethane	7.818	83	106514	53.860	ug/l	99
48) Methyl methacrylate	7.696	41	89170	49.967	ug/l	97
49) 1,4-Dioxane	7.665	88	36595	1236.819	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	612508	259.119	ug/l	99
52) Toluene	8.714	92	192052	52.936	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	97126	46.021	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	107458	49.904	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	78981	54.799	ug/l	97
56) Ethyl methacrylate	9.116	69	121540	53.416	ug/l	96
57) 1,3-Dichloropropane	9.305	76	132816	52.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.171	63	315	0.274	ug/l #	46
59) 2-Hexanone	9.433	43	449879	262.936	ug/l	97
60) Dibromochloromethane	9.518	129	77763	50.885	ug/l	98
61) 1,2-Dibromoethane	9.610	107	80264	54.710	ug/l	96
64) Tetrachloroethene	9.269	164	62279	49.825	ug/l	99
65) Chlorobenzene	10.079	112	206411	51.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69756	53.786	ug/l	98
67) Ethyl Benzene	10.189	91	358045	51.351	ug/l	98
68) m/p-Xylenes	10.299	106	272658	106.570	ug/l	96
69) o-Xylene	10.640	106	135601	52.382	ug/l	96
70) Styrene	10.652	104	223981	53.973	ug/l	96
71) Bromoform	10.799	173	46268	50.932	ug/l #	98
73) Isopropylbenzene	10.963	105	341745	50.304	ug/l	100
74) N-amyl acetate	10.841	43	132925	42.337	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120063	50.882	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	97718m	49.317	ug/l	
77) Bromobenzene	11.195	156	85185	51.708	ug/l	97
78) n-propylbenzene	11.305	91	384780	51.244	ug/l	99
79) 2-Chlorotoluene	11.366	91	240255	49.475	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	283162	50.261	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25426	38.247	ug/l	99
82) 4-Chlorotoluene	11.451	91	268894	50.004	ug/l	100
83) tert-Butylbenzene	11.713	119	288730	51.857	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	285385	51.580	ug/l	100
85) sec-Butylbenzene	11.890	105	342783	50.713	ug/l	99
86) p-Isopropyltoluene	12.006	119	281058	49.959	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	149233	51.859	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	150438	50.855	ug/l	98
89) n-Butylbenzene	12.329	91	230593	48.745	ug/l	100
90) Hexachloroethane	12.536	117	43707	53.222	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	151871	50.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22785	49.742	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	84448	51.552	ug/l	99
94) Hexachlorobutadiene	13.725	225	33362	50.632	ug/l	96
95) Naphthalene	13.774	128	319471	49.962	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	90592	52.140	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
Data File : VX044418.D
Acq On : 19 Dec 2024 06:51
Operator : JC/MD
Sample : P5317-20MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20241217MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 07:43:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

