

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040493.D
 Acq On : 27 Feb 2024 16:36
 Operator : JC/MD
 Sample : P1578-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MSD

Quant Time: Feb 28 02:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	137088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59760	43.930	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.860%		
35) Dibromofluoromethane	5.385	113	42539	44.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.240%		
50) Toluene-d8	8.647	98	151752	43.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.700%#		
62) 4-Bromofluorobenzene	11.079	95	61481	46.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47571	46.999	ug/l	99
3) Chloromethane	1.301	50	46195	46.013	ug/l	98
4) Vinyl Chloride	1.374	62	50121	46.167	ug/l	98
5) Bromomethane	1.599	94	28223	46.779	ug/l	97
6) Chloroethane	1.678	64	31503	45.852	ug/l	99
7) Trichlorofluoromethane	1.880	101	84617	49.349	ug/l	99
8) Diethyl Ether	2.136	74	29819	49.753	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	42035	45.543	ug/l	99
10) Methyl Iodide	2.447	142	46595	48.729	ug/l	97
11) Tert butyl alcohol	2.965	59	62710	274.225	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	41417	44.695	ug/l	96
13) Acrolein	2.233	56	63334	431.982	ug/l	99
14) Allyl chloride	2.660	41	76631	47.269	ug/l	93
15) Acrylonitrile	3.062	53	139627	243.412	ug/l	97
16) Acetone	2.380	43	127946	288.407	ug/l	98
17) Carbon Disulfide	2.508	76	109907	42.831	ug/l	98
18) Methyl Acetate	2.703	43	66286	48.466	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	155182	49.097	ug/l	98
20) Methylene Chloride	2.788	84	48578	45.758	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	45588	46.130	ug/l	97
22) Diisopropyl ether	3.763	45	153540	47.130	ug/l	94
23) Vinyl Acetate	3.721	43	696648	233.441	ug/l	99
24) 1,1-Dichloroethane	3.605	63	94099	49.532	ug/l	98
25) 2-Butanone	4.556	43	204173	264.152	ug/l	99
26) 2,2-Dichloropropane	4.477	77	62078	41.041	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	53323	46.122	ug/l	100
28) Bromochloromethane	4.904	49	35316	44.440	ug/l	97
29) Tetrahydrofuran	5.007	42	137925	255.789	ug/l	99
30) Chloroform	5.093	83	98560	48.877	ug/l	100
31) Cyclohexane	5.464	56	69680	45.212	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	83682	48.621	ug/l	98
36) 1,1-Dichloropropene	5.696	75	68187	46.425	ug/l	99
37) Ethyl Acetate	4.715	43	76092	47.338	ug/l	99
38) Carbon Tetrachloride	5.684	117	69505	48.986	ug/l	97
39) Methylcyclohexane	7.379	83	73008	46.041	ug/l	99
40) Benzene	6.037	78	187275	47.095	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040493.D
 Acq On : 27 Feb 2024 16:36
 Operator : JC/MD
 Sample : P1578-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20240221MSD

Quant Time: Feb 28 02:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	44653	49.733	ug/l	96
42) 1,2-Dichloroethane	6.086	62	83078	50.478	ug/l	97
43) Isopropyl Acetate	6.342	43	122801	48.688	ug/l	98
44) Trichloroethene	7.123	130	49811	46.577	ug/l	95
45) 1,2-Dichloropropane	7.434	63	50145	47.119	ug/l	95
46) Dibromomethane	7.580	93	38272	48.915	ug/l	99
47) Bromodichloromethane	7.824	83	75996	49.331	ug/l	99
48) Methyl methacrylate	7.696	41	64855	51.446	ug/l	92
49) 1,4-Dioxane	7.659	88	27528	1154.337	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	435413	261.105	ug/l	98
52) Toluene	8.720	92	119878	49.122	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	75188	48.092	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78914	46.959	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	50260	49.626	ug/l	93
56) Ethyl methacrylate	9.116	69	81388	51.976	ug/l	95
57) 1,3-Dichloropropane	9.311	76	87491	49.598	ug/l	99
59) 2-Hexanone	9.427	43	344819	268.948	ug/l	97
60) Dibromochloromethane	9.525	129	54492	49.537	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55506	50.225	ug/l	99
64) Tetrachloroethene	9.275	164	42014	46.175	ug/l	98
65) Chlorobenzene	10.079	112	129514	46.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48236	49.651	ug/l	99
67) Ethyl Benzene	10.195	91	243491	48.252	ug/l	97
68) m/p-Xylenes	10.299	106	180333	95.699	ug/l	94
69) o-Xylene	10.640	106	87610	48.611	ug/l	93
70) Styrene	10.652	104	146908	48.897	ug/l	96
71) Bromoform	10.799	173	40666	51.136	ug/l #	99
73) Isopropylbenzene	10.963	105	236563	48.117	ug/l	100
74) N-amyl acetate	10.841	43	109562	47.983	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	85965	48.350	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71204m	48.464	ug/l	
77) Bromobenzene	11.201	156	56016	48.187	ug/l	98
78) n-propylbenzene	11.305	91	291298	47.768	ug/l	97
79) 2-Chlorotoluene	11.366	91	169074	46.056	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	202235	48.368	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21405	44.426	ug/l	96
82) 4-Chlorotoluene	11.457	91	201475	47.460	ug/l	100
83) tert-Butylbenzene	11.713	119	196833	49.933	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	202061	48.708	ug/l	100
85) sec-Butylbenzene	11.890	105	250576	48.387	ug/l	99
86) p-Isopropyltoluene	12.012	119	205365	48.111	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	106004	45.748	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	109334	46.351	ug/l	99
89) n-Butylbenzene	12.335	91	196894	46.884	ug/l	96
90) Hexachloroethane	12.536	117	34796	48.978	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	103649	46.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22274	53.737	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	68906	47.816	ug/l	96
94) Hexachlorobutadiene	13.725	225	27452	46.611	ug/l	97
95) Naphthalene	13.774	128	232875	50.569	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67786	49.484	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
Data File : VX040493.D
Acq On : 27 Feb 2024 16:36
Operator : JC/MD
Sample : P1578-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20240221MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 02:05:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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

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

