

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044483.D
 Acq On : 23 Dec 2024 16:23
 Operator : JC/MD
 Sample : P5374-06MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-GW-748-750MSD

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 22:11:21 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	133309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	194386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93024	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	93809	40.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.260%
35) Dibromofluoromethane	5.379	113	75352	49.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.647	98	255246	49.354	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.079	95	88050	48.724	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	97101	47.107	ug/l	99
3) Chloromethane	1.294	50	89851	45.583	ug/l	99
4) Vinyl Chloride	1.374	62	90522	44.080	ug/l	100
5) Bromomethane	1.599	94	64349	44.169	ug/l	99
6) Chloroethane	1.666	64	57163	44.703	ug/l	99
7) Trichlorofluoromethane	1.874	101	147666	36.730	ug/l	98
8) Diethyl Ether	2.130	74	53546	39.020	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	98355	60.459	ug/l	95
10) Methyl Iodide	2.447	142	109968	51.289	ug/l	95
11) Tert butyl alcohol	2.989	59	66110	200.689	ug/l	99
12) 1,1-Dichloroethene	2.313	96	81996	54.875	ug/l	93
13) Acrolein	2.233	56	88819	186.265	ug/l	99
14) Allyl chloride	2.660	41	116179	46.680	ug/l	97
15) Acrylonitrile	3.062	53	187642	205.636	ug/l	99
16) Acetone	2.380	43	165083	173.243	ug/l	96
17) Carbon Disulfide	2.508	76	143297	50.451	ug/l	99
18) Methyl Acetate	2.703	43	96675	39.348	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	252352	43.278	ug/l	97
20) Methylene Chloride	2.788	84	84877	47.423	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	76077	47.906	ug/l	94
22) Diisopropyl ether	3.757	45	247428	44.149	ug/l	96
23) Vinyl Acetate	3.715	43	1010223	221.715	ug/l	98
24) 1,1-Dichloroethane	3.605	63	146455	46.880	ug/l	99
25) 2-Butanone	4.550	43	254944	188.195	ug/l	100
26) 2,2-Dichloropropane	4.471	77	120669	47.546	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	96032	47.615	ug/l	95
28) Bromochloromethane	4.891	49	67300	43.932	ug/l	93
29) Tetrahydrofuran	5.001	42	162960	187.413	ug/l	98
30) Chloroform	5.086	83	158163	45.061	ug/l	100
31) Cyclohexane	5.458	56	117000	46.379	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	137841	47.310	ug/l	99
36) 1,1-Dichloropropene	5.690	75	99772	50.351	ug/l	97
37) Ethyl Acetate	4.708	43	98461	40.198	ug/l	96
38) Carbon Tetrachloride	5.672	117	113263	53.092	ug/l	96
39) Methylcyclohexane	7.373	83	122514	51.718	ug/l	98
40) Benzene	6.031	78	309954	51.519	ug/l	99

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41) Methacrylonitrile	4.922	41	56683	43.580	ug/l	97
42) 1,2-Dichloroethane	6.080	62	120065	48.447	ug/l	98
43) Isopropyl Acetate	6.336	43	171036	44.675	ug/l	98
44) Trichloroethene	7.117	130	309842	206.520	ug/l	95
45) 1,2-Dichloropropane	7.428	63	78272	50.923	ug/l	96
46) Dibromomethane	7.580	93	61591	51.651	ug/l	94
47) Bromodichloromethane	7.818	83	109954	53.391	ug/l	100
48) Methyl methacrylate	7.690	41	81210	43.699	ug/l	96
49) 1,4-Dioxane	7.665	88	25425	825.171	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	525905	213.645	ug/l	98
52) Toluene	8.714	92	194861	51.577	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	108457	49.124	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	119559	53.318	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	78243	52.130	ug/l	98
56) Ethyl methacrylate	9.116	69	116799	49.294	ug/l	96
57) 1,3-Dichloropropane	9.305	76	128311	49.115	ug/l	100
59) 2-Hexanone	9.427	43	377783	212.029	ug/l	98
60) Dibromochloromethane	9.519	129	80512	50.610	ug/l	99
61) 1,2-Dibromoethane	9.604	107	80473	52.674	ug/l	97
64) Tetrachloroethene	9.269	164	69771	54.079	ug/l	97
65) Chlorobenzene	10.079	112	213861	51.344	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	73672	55.034	ug/l	98
67) Ethyl Benzene	10.189	91	367112	51.010	ug/l	98
68) m/p-Xylenes	10.299	106	280090	106.061	ug/l	94
69) o-Xylene	10.640	106	138976	52.012	ug/l	92
70) Styrene	10.653	104	221123	51.623	ug/l	97
71) Bromoform	10.799	173	49218	52.302	ug/l #	99
73) Isopropylbenzene	10.957	105	357321	50.176	ug/l	100
74) N-amyl acetate	10.842	43	145004	44.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	113904	46.050	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	93435m	44.986	ug/l	
77) Bromobenzene	11.195	156	89457	51.802	ug/l	93
78) n-propylbenzene	11.299	91	400697	50.908	ug/l	98
79) 2-Chlorotoluene	11.360	91	240524	47.251	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	291627	49.381	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29982	42.328	ug/l	97
82) 4-Chlorotoluene	11.451	91	273683	48.552	ug/l	97
83) tert-Butylbenzene	11.713	119	301012	51.575	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	296491	51.121	ug/l	97
85) sec-Butylbenzene	11.890	105	359614	50.755	ug/l	99
86) p-Isopropyltoluene	12.006	119	302102	51.228	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	157083	52.075	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	155542	50.161	ug/l	98
89) n-Butylbenzene	12.329	91	252945	51.009	ug/l	99
90) Hexachloroethane	12.536	117	45435	52.780	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	157677	50.342	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19969	41.588	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	94741	55.173	ug/l	98
94) Hexachlorobutadiene	13.719	225	35851	51.906	ug/l	96
95) Naphthalene	13.774	128	302955	45.199	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	95051	52.189	ug/l	98

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

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