

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043973.D
 Acq On : 22 Nov 2024 20:19
 Operator : JC/MD
 Sample : P4934-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20241119MS

Quant Time: Nov 22 22:30:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	112356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	180718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101111	52.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	5.379	113	74989	49.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.560%			
50) Toluene-d8	8.647	98	257806	49.151	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	90075	50.460	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	68527	48.144	ug/l	98
3) Chloromethane	1.295	50	77653	51.844	ug/l	98
4) Vinyl Chloride	1.374	62	79667	50.006	ug/l	97
5) Bromomethane	1.593	94	54292	55.396	ug/l	94
6) Chloroethane	1.666	64	49950	51.454	ug/l	94
7) Trichlorofluoromethane	1.868	101	137053	48.117	ug/l	96
8) Diethyl Ether	2.136	74	55213	53.184	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	66905	49.243	ug/l	97
10) Methyl Iodide	2.441	142	83161	49.009	ug/l	97
11) Tert butyl alcohol	2.995	59	71192	230.159	ug/l	98
12) 1,1-Dichloroethene	2.307	96	63497	49.045	ug/l	95
13) Acrolein	2.233	56	82680	253.595	ug/l	94
14) Allyl chloride	2.654	41	106657	50.417	ug/l	96
15) Acrylonitrile	3.063	53	189866	251.884	ug/l	98
16) Acetone	2.386	43	177415	200.446	ug/l	98
17) Carbon Disulfide	2.502	76	114161	42.748	ug/l	98
18) Methyl Acetate	2.703	43	95680	46.420	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	246553	52.448	ug/l	99
20) Methylene Chloride	2.782	84	74313	49.476	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	68392	51.166	ug/l	95
22) Diisopropyl ether	3.758	45	242328	53.570	ug/l	94
23) Vinyl Acetate	3.715	43	987013	255.066	ug/l	100
24) 1,1-Dichloroethane	3.605	63	138943	53.243	ug/l	98
25) 2-Butanone	4.562	43	275794	241.489	ug/l	98
26) 2,2-Dichloropropane	4.465	77	107844	45.759	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	86152	52.142	ug/l	99
28) Bromochloromethane	4.891	49	63098	54.931	ug/l	99
29) Tetrahydrofuran	5.001	42	179014	255.678	ug/l	99
30) Chloroform	5.087	83	146838	52.317	ug/l	99
31) Cyclohexane	5.465	56	104741	48.766	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	128936	53.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	91242	48.120	ug/l	99
37) Ethyl Acetate	4.715	43	105985	45.029	ug/l	98
38) Carbon Tetrachloride	5.672	117	100188	47.024	ug/l	99
39) Methylcyclohexane	7.373	83	111296	45.182	ug/l	97
40) Benzene	6.032	78	289813	49.068	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58512	48.571	ug/l	97
42) 1,2-Dichloroethane	6.080	62	118959	50.149	ug/l	99
43) Isopropyl Acetate	6.336	43	175457	46.841	ug/l	100
44) Trichloroethene	7.117	130	70053	41.898	ug/l	92
45) 1,2-Dichloropropane	7.422	63	73724	50.964	ug/l	100
46) Dibromomethane	7.580	93	56832	49.665	ug/l	98
47) Bromodichloromethane	7.818	83	103090	50.231	ug/l	99
48) Methyl methacrylate	7.690	41	86756	48.268	ug/l	98
49) 1,4-Dioxane	7.665	88	31685	989.637	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	568625	248.756	ug/l	99
52) Toluene	8.714	92	175174	49.553	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101789	48.637	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	110702	48.251	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	70895	48.582	ug/l	99
56) Ethyl methacrylate	9.116	69	114105	50.201	ug/l	99
57) 1,3-Dichloropropane	9.305	76	122428	49.804	ug/l	100
59) 2-Hexanone	9.433	43	422869	246.123	ug/l	99
60) Dibromochloromethane	9.519	129	71333	48.720	ug/l	98
61) 1,2-Dibromoethane	9.604	107	74152	50.254	ug/l	98
64) Tetrachloroethene	9.269	164	55723	46.762	ug/l	96
65) Chlorobenzene	10.080	112	192945	48.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	66035	51.300	ug/l	97
67) Ethyl Benzene	10.189	91	336300	50.003	ug/l	100
68) m/p-Xylenes	10.299	106	251786	100.388	ug/l	99
69) o-Xylene	10.640	106	125030	51.057	ug/l	99
70) Styrene	10.653	104	212135	52.376	ug/l	99
71) Bromoform	10.799	173	41719	43.146	ug/l #	100
73) Isopropylbenzene	10.957	105	320568	48.434	ug/l	99
74) N-amyl acetate	10.842	43	143653	46.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	110147	48.602	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92007m	48.727	ug/l	
77) Bromobenzene	11.195	156	74543	47.213	ug/l	98
78) n-propylbenzene	11.305	91	360526	48.772	ug/l	98
79) 2-Chlorotoluene	11.360	91	223225	47.756	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	265035	48.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29118	42.080	ug/l	91
82) 4-Chlorotoluene	11.451	91	253775	48.089	ug/l	100
83) tert-Butylbenzene	11.713	119	261550	48.461	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	267291	49.305	ug/l	99
85) sec-Butylbenzene	11.890	105	317529	48.018	ug/l	100
86) p-Isopropyltoluene	12.006	119	267370	49.776	ug/l	100
87) 1,3-Dichlorobenzene	11.970	146	133915	46.569	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	137083	46.757	ug/l	98
89) n-Butylbenzene	12.329	91	225022	47.515	ug/l	99
90) Hexachloroethane	12.536	117	40654	44.510	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	138255	47.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20620	45.408	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	77084	45.054	ug/l	97
94) Hexachlorobutadiene	13.725	225	27998	41.406	ug/l	97
95) Naphthalene	13.774	128	293168	47.601	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79356	45.825	ug/l	95

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

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