

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040097.D
 Acq On : 02 Feb 2024 19:06
 Operator : JC/MD
 Sample : P1343-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-680-682MS

Quant Time: Feb 03 02:21:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71025	51.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.600%			
35) Dibromofluoromethane	5.385	113	55312	53.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	8.647	98	183475	47.181	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.360%			
62) 4-Bromofluorobenzene	11.079	95	74357	49.658	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	48839	50.894	ug/l	98
3) Chloromethane	1.295	50	52440	57.622	ug/l	99
4) Vinyl Chloride	1.374	62	49938	59.332	ug/l	99
5) Bromomethane	1.599	94	41153	50.297	ug/l	94
6) Chloroethane	1.679	64	23485	42.266	ug/l	100
7) Trichlorofluoromethane	1.880	101	50869	37.986	ug/l	98
8) Diethyl Ether	2.136	74	21032	44.424	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	46275	46.314	ug/l	100
10) Methyl Iodide	2.453	142	54356	51.104	ug/l	95
11) Tert butyl alcohol	2.965	59	68456	275.151	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	48574	50.689	ug/l	88
13) Acrolein	2.240	56	65972	276.765	ug/l	100
14) Allyl chloride	2.660	41	87228	50.500	ug/l	98
15) Acrylonitrile	3.063	53	176798	283.682	ug/l	99
16) Acetone	2.380	43	143043	222.652	ug/l	92
17) Carbon Disulfide	2.508	76	125768	44.889	ug/l	100
18) Methyl Acetate	2.703	43	91919	60.394	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	176403	53.739	ug/l	100
20) Methylene Chloride	2.788	84	59414	52.039	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	52950	50.174	ug/l	95
22) Diisopropyl ether	3.764	45	182173	54.448	ug/l	89
23) Vinyl Acetate	3.721	43	784087	261.855	ug/l	99
24) 1,1-Dichloroethane	3.611	63	102351	53.412	ug/l	99
25) 2-Butanone	4.556	43	245880	275.319	ug/l	96
26) 2,2-Dichloropropane	4.477	77	64116	42.881	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	62299	52.907	ug/l	93
28) Bromochloromethane	4.898	49	47648	53.324	ug/l	99
29) Tetrahydrofuran	5.001	42	166344	292.940	ug/l	99
30) Chloroform	5.093	83	108344	52.654	ug/l	98
31) Cyclohexane	5.471	56	75910	44.197	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	87765	49.700	ug/l	100
36) 1,1-Dichloropropene	5.696	75	72699	48.341	ug/l	97
37) Ethyl Acetate	4.721	43	89122	54.263	ug/l	98
38) Carbon Tetrachloride	5.678	117	70223	48.801	ug/l	96
39) Methylcyclohexane	7.379	83	73988	40.436	ug/l	97
40) Benzene	6.038	78	221748	50.626	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50235	60.312	ug/l	93
42) 1,2-Dichloroethane	6.086	62	86390	51.236	ug/l	99
43) Isopropyl Acetate	6.342	43	141281	54.548	ug/l	99
44) Trichloroethene	7.129	130	55333	48.004	ug/l	96
45) 1,2-Dichloropropane	7.428	63	60051	51.925	ug/l	100
46) Dibromomethane	7.580	93	43844	50.508	ug/l	99
47) Bromodichloromethane	7.824	83	79320	51.305	ug/l	96
48) Methyl methacrylate	7.690	41	73287	57.441	ug/l	93
49) 1,4-Dioxane	7.659	88	32291	1164.681	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	472398	267.188	ug/l	98
52) Toluene	8.720	92	130354	47.747	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	77359	48.244	ug/l	98
54) cis-1,3-Dichloropropene	8.367	75	82800	48.393	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	58663	51.912	ug/l	96
56) Ethyl methacrylate	9.116	69	89666	54.337	ug/l	97
57) 1,3-Dichloropropane	9.305	76	97417	52.336	ug/l	99
59) 2-Hexanone	9.427	43	380405	269.851	ug/l	99
60) Dibromochloromethane	9.519	129	59069	52.021	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62551	51.199	ug/l	99
64) Tetrachloroethene	9.275	164	42026	46.533	ug/l	96
65) Chlorobenzene	10.080	112	144112	50.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51170	52.813	ug/l	98
67) Ethyl Benzene	10.195	91	257077	49.941	ug/l	99
68) m/p-Xylenes	10.299	106	196557	101.498	ug/l	98
69) o-Xylene	10.640	106	97210	52.919	ug/l	98
70) Styrene	10.653	104	154040	49.754	ug/l	98
71) Bromoform	10.799	173	40965	51.941	ug/l #	99
73) Isopropylbenzene	10.964	105	241667	47.102	ug/l	100
74) N-amyl acetate	10.842	43	118995	48.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	98642	51.136	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79229m	52.071	ug/l	
77) Bromobenzene	11.195	156	59417	50.203	ug/l	96
78) n-propylbenzene	11.305	91	298622	47.297	ug/l	99
79) 2-Chlorotoluene	11.366	91	177549	46.711	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	214558	48.647	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22651	47.320	ug/l	96
82) 4-Chlorotoluene	11.451	91	209019	47.912	ug/l	98
83) tert-Butylbenzene	11.713	119	205800	48.762	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	221323	50.289	ug/l	99
85) sec-Butylbenzene	11.890	105	264913	47.377	ug/l	100
86) p-Isopropyltoluene	12.006	119	218592	47.874	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	118360	49.573	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	117984	48.274	ug/l	99
89) n-Butylbenzene	12.329	91	203838	45.995	ug/l	96
90) Hexachloroethane	12.536	117	37033	49.669	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	113993	49.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23801	54.432	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	66035	45.888	ug/l	98
94) Hexachlorobutadiene	13.725	225	23672	41.760	ug/l	97
95) Naphthalene	13.774	128	251174	51.389	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65487	46.026	ug/l	98

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

