

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039947.D
 Acq On : 25 Jan 2024 12:09
 Operator : JC/MD
 Sample : VX0125WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/26/2024
 Supervised By :Semsettin Yesilyurt 01/26/2024

Quant Time: Jan 26 01:30:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	74831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63771	50.873	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.385	113	46527	50.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.647	98	162841	47.304	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.600%			
62) 4-Bromofluorobenzene	11.079	95	65351	48.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	21462	22.167	ug/l	98
3) Chloromethane	1.295	50	21757	19.677	ug/l	99
4) Vinyl Chloride	1.374	62	21069	20.191	ug/l	99
5) Bromomethane	1.605	94	13696	23.003	ug/l	100
6) Chloroethane	1.685	64	12731	21.461	ug/l	98
7) Trichlorofluoromethane	1.886	101	32222	21.406	ug/l	99
8) Diethyl Ether	2.130	74	11893	21.379	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	19889	21.312	ug/l	97
10) Methyl Iodide	2.453	142	21772	22.114	ug/l	93
11) Tert butyl alcohol	2.953	59	34051	104.353	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	18433	20.466	ug/l	96
13) Acrolein	2.233	56	15586	66.447	ug/l	99
14) Allyl chloride	2.666	41	35962	20.287	ug/l	100
15) Acrylonitrile	3.063	53	73988	109.770	ug/l	99
16) Acetone	2.374	43	74413	105.554	ug/l	96
17) Carbon Disulfide	2.514	76	52912	20.440	ug/l	98
18) Methyl Acetate	2.703	43	37940	25.724	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	68230	21.339	ug/l	97
20) Methylene Chloride	2.788	84	22576	21.171	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	20381	21.504	ug/l	99
22) Diisopropyl ether	3.758	45	71012	20.992	ug/l	91
23) Vinyl Acetate	3.721	43	332874	105.858	ug/l	100
24) 1,1-Dichloroethane	3.611	63	38601	20.742	ug/l	98
25) 2-Butanone	4.550	43	108140	106.742	ug/l	99
26) 2,2-Dichloropropane	4.477	77	27885	18.669	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	23500	21.618	ug/l	97
28) Bromochloromethane	4.898	49	17695	20.976	ug/l	96
29) Tetrahydrofuran	4.995	42	70386	107.942	ug/l	99
30) Chloroform	5.087	83	40993	22.313	ug/l	93
31) Cyclohexane	5.471	56	32036	19.365	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	34024	21.632	ug/l	97
36) 1,1-Dichloropropene	5.690	75	28652	20.167	ug/l	99
37) Ethyl Acetate	4.715	43	38959	20.555	ug/l	99
38) Carbon Tetrachloride	5.672	117	27122	20.843	ug/l	95
39) Methylcyclohexane	7.379	83	33408	19.582	ug/l	98
40) Benzene	6.038	78	84730	21.062	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	20696	22.330	ug/l	95
42) 1,2-Dichloroethane	6.086	62	34932	22.839	ug/l	99
43) Isopropyl Acetate	6.336	43	59717	21.478	ug/l	99
44) Trichloroethene	7.123	130	21112	21.413	ug/l	97
45) 1,2-Dichloropropane	7.434	63	23042	21.351	ug/l	99
46) Dibromomethane	7.580	93	16783	22.516	ug/l	97
47) Bromodichloromethane	7.818	83	30878	22.367	ug/l	99
48) Methyl methacrylate	7.690	41	29222	21.382	ug/l	93
49) 1,4-Dioxane	7.659	88	10324	390.406	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	212762	111.110	ug/l	98
52) Toluene	8.720	92	52150	21.703	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	31710	21.647	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34510	21.425	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	22691	22.180	ug/l	90
56) Ethyl methacrylate	9.116	69	35444	21.406	ug/l	94
57) 1,3-Dichloropropane	9.305	76	37943	21.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	76595	97.868	ug/l	96
59) 2-Hexanone	9.427	43	170568	112.547	ug/l	97
60) Dibromochloromethane	9.519	129	22408	23.226	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24061	22.711	ug/l	99
64) Tetrachloroethene	9.275	164	17446	21.453	ug/l	96
65) Chlorobenzene	10.080	112	55537	21.323	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20043	22.600	ug/l	97
67) Ethyl Benzene	10.195	91	101337	20.957	ug/l	94
68) m/p-Xylenes	10.299	106	75390	42.393	ug/l	95
69) o-Xylene	10.640	106	36870	20.935	ug/l	97
70) Styrene	10.653	104	60453	21.013	ug/l	96
71) Bromoform	10.799	173	15439	23.184	ug/l #	97
73) Isopropylbenzene	10.964	105	98560	19.878	ug/l	99
74) N-amyl acetate	10.842	43	50590	19.574	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	38517	20.343	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32995m	20.436	ug/l	
77) Bromobenzene	11.195	156	21895	19.833	ug/l	93
78) n-propylbenzene	11.305	91	121007	20.164	ug/l	97
79) 2-Chlorotoluene	11.360	91	71063	19.159	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	84612	20.092	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8701	17.837	ug/l	92
82) 4-Chlorotoluene	11.451	91	84459	20.075	ug/l	99
83) tert-Butylbenzene	11.713	119	79538	19.784	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	85554	20.364	ug/l	98
85) sec-Butylbenzene	11.890	105	105751	20.263	ug/l	99
86) p-Isopropyltoluene	12.006	119	85416	20.478	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	44053	20.817	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	45375	20.760	ug/l	98
89) n-Butylbenzene	12.335	91	81493	20.228	ug/l	97
90) Hexachloroethane	12.536	117	13657	19.408	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42933	20.521	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9997	21.548	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	26430	20.672	ug/l	97
94) Hexachlorobutadiene	13.725	225	11199	21.071	ug/l	98
95) Naphthalene	13.774	128	95964	20.389	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	26735	20.719	ug/l	98

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

