

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040135.D
 Acq On : 06 Feb 2024 13:21
 Operator : JC/MD
 Sample : VX0206WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 00:33:52 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	103292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73515	44.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.440%		
35) Dibromofluoromethane	5.385	113	56606	46.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.180%		
50) Toluene-d8	8.647	98	206351	45.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.840%#		
62) 4-Bromofluorobenzene	11.079	95	82192	46.984	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16021	13.771	ug/l	99
3) Chloromethane	1.294	50	16553	15.003	ug/l	99
4) Vinyl Chloride	1.374	62	16071	15.749	ug/l	99
5) Bromomethane	1.605	94	11857	11.953	ug/l	95
6) Chloroethane	1.685	64	10003	14.849	ug/l	98
7) Trichlorofluoromethane	1.886	101	22388	13.790	ug/l	96
8) Diethyl Ether	2.130	74	9063	15.790	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	20508	16.930	ug/l	99
10) Methyl Iodide	2.453	142	22827	17.702	ug/l	97
11) Tert butyl alcohol	2.953	59	29949	99.290	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	17540	15.098	ug/l	96
13) Acrolein	2.233	56	20225	69.985	ug/l	97
14) Allyl chloride	2.660	41	36517	17.438	ug/l	97
15) Acrylonitrile	3.056	53	74073	98.034	ug/l	99
16) Acetone	2.373	43	64908	83.334	ug/l	99
17) Carbon Disulfide	2.514	76	49542	14.585	ug/l	96
18) Methyl Acetate	2.703	43	42548	23.059	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	77470	19.466	ug/l	99
20) Methylene Chloride	2.788	84	24862	17.961	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	23395	18.285	ug/l	91
22) Diisopropyl ether	3.757	45	72732	17.930	ug/l	98
23) Vinyl Acetate	3.721	43	328463	90.478	ug/l	96
24) 1,1-Dichloroethane	3.611	63	41538	17.879	ug/l	99
25) 2-Butanone	4.550	43	98832	91.280	ug/l	97
26) 2,2-Dichloropropane	4.471	77	30049	16.576	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26593	18.628	ug/l	92
28) Bromochloromethane	4.897	49	19460	17.963	ug/l	100
29) Tetrahydrofuran	4.995	42	64316	93.423	ug/l	96
30) Chloroform	5.086	83	44369	17.786	ug/l	98
31) Cyclohexane	5.464	56	36686	17.618	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	38353	17.914	ug/l	100
36) 1,1-Dichloropropene	5.690	75	33346	18.979	ug/l	98
37) Ethyl Acetate	4.715	43	38438	20.032	ug/l	99
38) Carbon Tetrachloride	5.678	117	31112	18.507	ug/l	94
39) Methylcyclohexane	7.373	83	37103	17.357	ug/l	94
40) Benzene	6.037	78	99062	19.358	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19456	19.994	ug/l	91
42) 1,2-Dichloroethane	6.080	62	39345	19.973	ug/l	99
43) Isopropyl Acetate	6.336	43	60576	20.019	ug/l	98
44) Trichloroethene	7.123	130	26471	19.657	ug/l	95
45) 1,2-Dichloropropane	7.427	63	25114	18.587	ug/l	93
46) Dibromomethane	7.580	93	18548	18.289	ug/l	98
47) Bromodichloromethane	7.818	83	33774	18.699	ug/l	94
48) Methyl methacrylate	7.690	41	30218	20.272	ug/l	92
49) 1,4-Dioxane	7.659	88	13124	405.171	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	220257	106.632	ug/l	99
52) Toluene	8.714	92	62669	19.648	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	35146	18.761	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	39272	19.646	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	26325	19.940	ug/l	93
56) Ethyl methacrylate	9.116	69	41160	21.349	ug/l	97
57) 1,3-Dichloropropane	9.305	76	43804	20.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	108070	111.473	ug/l	98
59) 2-Hexanone	9.427	43	171640	104.218	ug/l	100
60) Dibromochloromethane	9.519	129	25661	19.344	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28495	19.964	ug/l	99
64) Tetrachloroethene	9.275	164	21582	20.660	ug/l	97
65) Chlorobenzene	10.079	112	65722	19.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22484	20.063	ug/l	97
67) Ethyl Benzene	10.195	91	121106	20.340	ug/l	98
68) m/p-Xylenes	10.299	106	92413	41.257	ug/l	99
69) o-Xylene	10.640	106	45523	21.425	ug/l	97
70) Styrene	10.653	104	76124	21.257	ug/l	99
71) Bromoform	10.799	173	17524	20.250	ug/l #	98
73) Isopropylbenzene	10.957	105	120110	20.029	ug/l	98
74) N-amyl acetate	10.842	43	58544	21.262	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	44096	19.558	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	36025m	20.257	ug/l	
77) Bromobenzene	11.195	156	29230	21.130	ug/l	95
78) n-propylbenzene	11.305	91	144993	19.648	ug/l	99
79) 2-Chlorotoluene	11.366	91	82839	18.646	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	100179	19.433	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10250	19.970	ug/l	99
82) 4-Chlorotoluene	11.451	91	100629	19.735	ug/l	100
83) tert-Butylbenzene	11.713	119	91955	18.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	101313	19.696	ug/l	100
85) sec-Butylbenzene	11.890	105	121710	18.623	ug/l	100
86) p-Isopropyltoluene	12.006	119	99974	18.733	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	55686	19.955	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	57327	20.068	ug/l	99
89) n-Butylbenzene	12.329	91	92304	17.820	ug/l	97
90) Hexachloroethane	12.536	117	14879	18.042	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	52723	19.595	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9480	18.549	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	32270	19.186	ug/l	98
94) Hexachlorobutadiene	13.725	225	10445	15.765	ug/l	98
95) Naphthalene	13.774	128	116248	20.349	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32358	19.457	ug/l	98

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

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