

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031923.D
 Acq On : 06 Oct 2022 17:22
 Operator : JC/MD
 Sample : VX1006WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 07 08:07:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76941	48.021	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	66382	50.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	8.647	98	236375	50.336	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.680%		
62) 4-Bromofluorobenzene	11.079	95	88529	53.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22528	19.512	ug/l	100
3) Chloromethane	1.288	50	21534	17.811	ug/l	97
4) Vinyl Chloride	1.367	62	24836	17.577	ug/l	95
5) Bromomethane	1.611	94	20106	19.794	ug/l	94
6) Chloroethane	1.685	64	19106	15.890	ug/l	91
7) Trichlorofluoromethane	1.886	101	46539	18.324	ug/l	97
8) Diethyl Ether	2.130	74	16563	19.132	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	23329	18.172	ug/l	93
10) Methyl Iodide	2.453	142	19062	16.544	ug/l	98
11) Tert butyl alcohol	2.989	59	23767	119.226	ug/l	98
12) 1,1-Dichloroethene	2.319	96	20839	17.634	ug/l	86
13) Acrolein	2.233	56	10386	79.744	ug/l	97
14) Allyl chloride	2.660	41	30596	18.196	ug/l	98
15) Acrylonitrile	3.062	53	61659	97.027	ug/l	97
16) Acetone	2.386	43	51270	94.153	ug/l	96
17) Carbon Disulfide	2.508	76	44106	17.381	ug/l	99
18) Methyl Acetate	2.703	43	35206	19.595	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	76464	19.282	ug/l	98
20) Methylene Chloride	2.788	84	24565	17.167	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	23348	17.841	ug/l	99
22) Diisopropyl ether	3.757	45	70839	18.740	ug/l	87
23) Vinyl Acetate	3.721	43	280870	99.405	ug/l	97
24) 1,1-Dichloroethane	3.605	63	41083	18.131	ug/l	98
25) 2-Butanone	4.562	43	82474	96.887	ug/l	96
26) 2,2-Dichloropropane	4.477	77	30276	18.602	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	28369	18.117	ug/l	88
28) Bromochloromethane	4.897	49	17417	17.958	ug/l #	79
29) Tetrahydrofuran	5.013	42	53952	98.231	ug/l	93
30) Chloroform	5.092	83	47034	18.635	ug/l	98
31) Cyclohexane	5.470	56	34859	18.212	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	40581	18.921	ug/l	97
36) 1,1-Dichloropropene	5.690	75	32740	18.919	ug/l	97
37) Ethyl Acetate	4.714	43	32193	19.760	ug/l	99
38) Carbon Tetrachloride	5.678	117	35002	19.781	ug/l	92
39) Methylcyclohexane	7.379	83	39912	19.335	ug/l	95
40) Benzene	6.037	78	97359	19.213	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17213	20.317	ug/l	95
42) 1,2-Dichloroethane	6.092	62	36204	19.606	ug/l	97
43) Isopropyl Acetate	6.342	43	51882	20.989	ug/l	98
44) Trichloroethene	7.123	130	28298	19.045	ug/l	93
45) 1,2-Dichloropropane	7.433	63	24911	20.004	ug/l	91
46) Dibromomethane	7.580	93	18856	19.537	ug/l	90
47) Bromodichloromethane	7.824	83	33382	20.022	ug/l	98
48) Methyl methacrylate	7.696	41	24587	20.815	ug/l	93
49) 1,4-Dioxane	7.690	88	12290	419.847	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	171555	104.728	ug/l	97
52) Toluene	8.720	92	65257	19.696	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	32638	18.954	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36867	20.418	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	26921	19.251	ug/l	95
56) Ethyl methacrylate	9.116	69	37275	20.795	ug/l	94
57) 1,3-Dichloropropane	9.311	76	43832	19.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	88711	95.874	ug/l	93
59) 2-Hexanone	9.433	43	126725	104.919	ug/l	95
60) Dibromochloromethane	9.525	129	26868	20.994	ug/l	98
61) 1,2-Dibromoethane	9.610	107	28898	20.549	ug/l	98
64) Tetrachloroethene	9.275	164	26631	18.620	ug/l	94
65) Chlorobenzene	10.079	112	72198	18.809	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	25690	19.342	ug/l	98
67) Ethyl Benzene	10.195	91	125343	19.303	ug/l	99
68) m/p-Xylenes	10.305	106	97866	37.925	ug/l	99
69) o-Xylene	10.640	106	49870	19.883	ug/l	93
70) Styrene	10.659	104	80380	20.047	ug/l	97
71) Bromoform	10.799	173	17328	19.929	ug/l #	99
73) Isopropylbenzene	10.963	105	127141	19.000	ug/l	100
74) N-amyl acetate	10.848	43	43027	21.056	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	40311	18.961	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35335m	19.433	ug/l	
77) Bromobenzene	11.201	156	31908	19.358	ug/l	91
78) n-propylbenzene	11.305	91	143662	18.876	ug/l	98
79) 2-Chlorotoluene	11.366	91	86463	18.878	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	110470	19.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8394	18.799	ug/l #	79
82) 4-Chlorotoluene	11.457	91	101446	19.340	ug/l	99
83) tert-Butylbenzene	11.713	119	104976	19.112	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	107993	19.155	ug/l	99
85) sec-Butylbenzene	11.890	105	132938	19.549	ug/l	100
86) p-Isopropyltoluene	12.012	119	114366	19.975	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60492	19.275	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	60636	18.771	ug/l	100
89) n-Butylbenzene	12.335	91	92333	19.257	ug/l	98
90) Hexachloroethane	12.542	117	15758	18.163	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	59799	19.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7991	20.534	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	37237	19.662	ug/l	99
94) Hexachlorobutadiene	13.725	225	14272	18.633	ug/l	96
95) Naphthalene	13.774	128	131715	20.297	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37184	19.356	ug/l	98

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

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