

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029233.D
 Acq On : 06 Jun 2022 12:51
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 06:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	264311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171527	57.550	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.100%			
35) Dibromofluoromethane	5.385	113	146725	49.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.840%			
50) Toluene-d8	8.653	98	543855	50.081	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.160%			
62) 4-Bromofluorobenzene	11.085	95	205835	49.034	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49220	21.417	ug/l	98
3) Chloromethane	1.288	50	52163	21.692	ug/l	100
4) Vinyl Chloride	1.373	62	55439	20.965	ug/l	98
5) Bromomethane	1.611	94	28119	20.710	ug/l	98
6) Chloroethane	1.684	64	37270	17.986	ug/l	99
7) Trichlorofluoromethane	1.886	101	86338	21.007	ug/l	95
8) Diethyl Ether	2.136	74	34115	21.658	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	54291	22.273	ug/l	98
10) Methyl Iodide	2.453	142	56679	21.592	ug/l	95
11) Tert butyl alcohol	2.971	59	65951	95.520	ug/l	99
12) 1,1-Dichloroethene	2.318	96	51254	21.515	ug/l	93
13) Acrolein	2.233	56	27480	87.842	ug/l	97
14) Allyl chloride	2.666	41	80754	22.571	ug/l	95
15) Acrylonitrile	3.062	53	167679	117.948	ug/l	100
16) Acetone	2.379	43	134000	114.175	ug/l	95
17) Carbon Disulfide	2.513	76	116370	17.810	ug/l	99
18) Methyl Acetate	2.702	43	75698	24.939	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	185058	22.896	ug/l	98
20) Methylene Chloride	2.788	84	61765	22.572	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	56742	21.113	ug/l	98
22) Diisopropyl ether	3.757	45	175346	24.504	ug/l #	79
23) Vinyl Acetate	3.721	43	742637	124.263	ug/l	97
24) 1,1-Dichloroethane	3.611	63	101163	22.849	ug/l	99
25) 2-Butanone	4.556	43	222977	117.777	ug/l	96
26) 2,2-Dichloropropane	4.477	77	73979	20.367	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	67117	20.941	ug/l	96
28) Bromochloromethane	4.897	49	44417	24.933	ug/l	98
29) Tetrahydrofuran	5.013	42	148027	121.926	ug/l	94
30) Chloroform	5.092	83	109536	22.317	ug/l	97
31) Cyclohexane	5.470	56	90008	23.229	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	93574	21.054	ug/l	99
36) 1,1-Dichloropropene	5.690	75	78580	20.568	ug/l	99
37) Ethyl Acetate	4.714	43	84407	22.797	ug/l	99
38) Carbon Tetrachloride	5.678	117	81282	18.616	ug/l	96
39) Methylcyclohexane	7.378	83	97993	20.749	ug/l	96
40) Benzene	6.043	78	238821	21.106	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46949	23.476	ug/l	95
42) 1,2-Dichloroethane	6.086	62	85527	22.288	ug/l	98
43) Isopropyl Acetate	6.342	43	126499	21.838	ug/l	98
44) Trichloroethene	7.128	130	64432	18.769	ug/l	95
45) 1,2-Dichloropropane	7.427	63	60715	22.265	ug/l	99
46) Dibromomethane	7.580	93	43912	20.671	ug/l	92
47) Bromodichloromethane	7.824	83	82290	19.650	ug/l	99
48) Methyl methacrylate	7.695	41	63438	22.514	ug/l	93
49) 1,4-Dioxane	7.677	88	32116	372.489	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	432954	112.376	ug/l	96
52) Toluene	8.720	92	155550	20.579	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	82307	19.123	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	92061	19.549	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	64807	20.605	ug/l	98
56) Ethyl methacrylate	9.116	69	94541	21.177	ug/l	95
57) 1,3-Dichloropropane	9.311	76	108784	21.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	223743	105.760	ug/l	97
59) 2-Hexanone	9.433	43	329015	109.733	ug/l	95
60) Dibromochloromethane	9.524	129	63046	17.613	ug/l	96
61) 1,2-Dibromoethane	9.610	107	67363	19.803	ug/l	97
64) Tetrachloroethene	9.274	164	58599	18.974	ug/l	95
65) Chlorobenzene	10.079	112	165520	19.644	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61008	18.783	ug/l	99
67) Ethyl Benzene	10.195	91	298427	21.079	ug/l	98
68) m/p-Xylenes	10.305	106	231091	40.644	ug/l	99
69) o-Xylene	10.646	106	112416	20.005	ug/l	98
70) Styrene	10.658	104	187529	20.053	ug/l	98
71) Bromoform	10.799	173	42601	15.192	ug/l #	100
73) Isopropylbenzene	10.963	105	295837	22.246	ug/l	97
74) N-amyl acetate	10.847	43	98774	22.938	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99977	22.301	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	88717m	22.115	ug/l	
77) Bromobenzene	11.201	156	69723	19.657	ug/l	94
78) n-propylbenzene	11.305	91	334734	22.631	ug/l	100
79) 2-Chlorotoluene	11.366	91	208023	22.251	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	251018	22.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24300	17.771	ug/l #	84
82) 4-Chlorotoluene	11.457	91	237915	22.231	ug/l	100
83) tert-Butylbenzene	11.719	119	246427	21.177	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	251805	22.158	ug/l	100
85) sec-Butylbenzene	11.890	105	305159	22.338	ug/l	99
86) p-Isopropyltoluene	12.012	119	259312	21.711	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	131190	19.625	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	133746	19.416	ug/l	97
89) n-Butylbenzene	12.335	91	216934	22.382	ug/l	98
90) Hexachloroethane	12.542	117	38064	17.528	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	129391	19.649	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20738	20.718	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	80365	19.570	ug/l	98
94) Hexachlorobutadiene	13.725	225	32692	18.683	ug/l	94
95) Naphthalene	13.780	128	284257	21.647	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80892	19.948	ug/l	96

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

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