

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029316.D
 Acq On : 08 Jun 2022 13:17
 Operator : JC/MD
 Sample : VX0608WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 08 16:26:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	182148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	292860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149373	54.014	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.020%			
35) Dibromofluoromethane	5.391	113	127202	51.091	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.180%			
50) Toluene-d8	8.647	98	437347	49.668	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	177414	51.486	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	58658	20.286	ug/l	99
3) Chloromethane	1.295	50	58462	18.944	ug/l	99
4) Vinyl Chloride	1.374	62	61512	19.206	ug/l	95
5) Bromomethane	1.612	94	35447	20.663	ug/l	98
6) Chloroethane	1.685	64	37478	25.294	ug/l	98
7) Trichlorofluoromethane	1.886	101	93477	20.028	ug/l	99
8) Diethyl Ether	2.136	74	37033	20.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	56725	20.164	ug/l	96
10) Methyl Iodide	2.453	142	60059	18.108	ug/l	94
11) Tert butyl alcohol	2.989	59	86316	89.606	ug/l	95
12) 1,1-Dichloroethene	2.319	96	50624	18.488	ug/l	96
13) Acrolein	2.240	56	33521	99.654	ug/l	96
14) Allyl chloride	2.666	41	85806	19.522	ug/l	96
15) Acrylonitrile	3.069	53	173885	100.338	ug/l	99
16) Acetone	2.392	43	146608	99.495	ug/l	95
17) Carbon Disulfide	2.514	76	125572	18.631	ug/l	99
18) Methyl Acetate	2.709	43	76091	19.491	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	190351	20.138	ug/l	99
20) Methylene Chloride	2.788	84	62677	19.047	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58726	19.109	ug/l	99
22) Diisopropyl ether	3.758	45	180716	20.368	ug/l #	70
23) Vinyl Acetate	3.721	43	781979	106.314	ug/l	97
24) 1,1-Dichloroethane	3.611	63	103155	19.276	ug/l	98
25) 2-Butanone	4.562	43	236184	101.327	ug/l	97
26) 2,2-Dichloropropane	4.483	77	80036	20.978	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	68819	18.931	ug/l	97
28) Bromochloromethane	4.904	49	47448	22.555	ug/l	95
29) Tetrahydrofuran	5.013	42	154816	101.913	ug/l	94
30) Chloroform	5.099	83	113879	19.720	ug/l	98
31) Cyclohexane	5.477	56	95541	19.349	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	97777	19.653	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83067	20.197	ug/l	99
37) Ethyl Acetate	4.715	43	89669	21.121	ug/l	99
38) Carbon Tetrachloride	5.678	117	83855	19.948	ug/l	97
39) Methylcyclohexane	7.385	83	104314	20.592	ug/l	95
40) Benzene	6.038	78	245324	20.036	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47653	19.846	ug/l	95
42) 1,2-Dichloroethane	6.092	62	88387	20.782	ug/l	100
43) Isopropyl Acetate	6.342	43	133935	21.000	ug/l	96
44) Trichloroethene	7.123	130	64628	19.387	ug/l	95
45) 1,2-Dichloropropane	7.434	63	61839	20.543	ug/l	94
46) Dibromomethane	7.580	93	45485	20.858	ug/l	92
47) Bromodichloromethane	7.824	83	83882	20.380	ug/l	98
48) Methyl methacrylate	7.696	41	66772	20.815	ug/l	91
49) 1,4-Dioxane	7.690	88	33722	408.673	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	456730	109.420	ug/l	96
52) Toluene	8.720	92	161148	20.503	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	85230	19.860	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95480	20.663	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	65540	20.615	ug/l	98
56) Ethyl methacrylate	9.116	69	99164	21.439	ug/l	93
57) 1,3-Dichloropropane	9.311	76	110576	20.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	225156	100.202	ug/l	100
59) 2-Hexanone	9.433	43	350846	110.551	ug/l	94
60) Dibromochloromethane	9.525	129	62906	20.452	ug/l	97
61) 1,2-Dibromoethane	9.610	107	69191	20.404	ug/l	99
64) Tetrachloroethene	9.275	164	57485	19.323	ug/l	95
65) Chlorobenzene	10.080	112	166781	19.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	61408	20.402	ug/l	98
67) Ethyl Benzene	10.195	91	301206	19.820	ug/l	99
68) m/p-Xylenes	10.305	106	239014	40.650	ug/l	98
69) o-Xylene	10.640	106	115293	20.179	ug/l	96
70) Styrene	10.659	104	196331	20.589	ug/l	97
71) Bromoform	10.799	173	41954	19.626	ug/l #	100
73) Isopropylbenzene	10.964	105	306298	19.880	ug/l	99
74) N-amyl acetate	10.848	43	106188	20.359	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	104807	20.156	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93667m	20.491	ug/l	
77) Bromobenzene	11.201	156	70244	19.417	ug/l	93
78) n-propylbenzene	11.305	91	351644	20.113	ug/l	99
79) 2-Chlorotoluene	11.366	91	219520	20.389	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	263488	20.141	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24969	18.441	ug/l #	81
82) 4-Chlorotoluene	11.457	91	250019	20.118	ug/l	99
83) tert-Butylbenzene	11.720	119	250800	19.758	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	264919	20.516	ug/l	97
85) sec-Butylbenzene	11.890	105	318145	20.410	ug/l	99
86) p-Isopropyltoluene	12.012	119	267268	20.453	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	135869	19.679	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	138077	19.664	ug/l	96
89) n-Butylbenzene	12.335	91	227174	20.620	ug/l	99
90) Hexachloroethane	12.543	117	39313	18.923	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	134307	19.619	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21462	19.845	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	80099	19.823	ug/l	97
94) Hexachlorobutadiene	13.725	225	33520	19.954	ug/l	93
95) Naphthalene	13.774	128	286565	20.095	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77618	19.265	ug/l	97

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

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