

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034829.D
 Acq On : 29 Mar 2023 15:36
 Operator : JC/MD
 Sample : VX0329WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 02:00:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	278752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	471268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201368	47.235	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.480%		
35) Dibromofluoromethane	5.385	113	145309	46.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.647	98	551200	47.909	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.820%		
62) 4-Bromofluorobenzene	11.079	95	206296	46.335	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49841	17.927	ug/l	99
3) Chloromethane	1.294	50	62655	17.999	ug/l	99
4) Vinyl Chloride	1.374	62	63085	18.303	ug/l	100
5) Bromomethane	1.617	94	42514	18.982	ug/l	99
6) Chloroethane	1.691	64	40653	18.129	ug/l	99
7) Trichlorofluoromethane	1.892	101	102559	18.509	ug/l	99
8) Diethyl Ether	2.136	74	38133	19.521	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	53385	18.433	ug/l	98
10) Methyl Iodide	2.453	142	64635	17.922	ug/l	95
11) Tert butyl alcohol	2.989	59	76818m	102.701	ug/l	
12) 1,1-Dichloroethene	2.319	96	51981	18.164	ug/l	91
13) Acrolein	2.239	56	77167	100.221	ug/l	99
14) Allyl chloride	2.666	41	101400	18.086	ug/l	96
15) Acrylonitrile	3.062	53	170365	101.188	ug/l	99
16) Acetone	2.386	43	159265	91.964	ug/l	96
17) Carbon Disulfide	2.514	76	128652	17.950	ug/l	98
18) Methyl Acetate	2.703	43	125079	20.327	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197767	18.666	ug/l	94
20) Methylene Chloride	2.788	84	62551	18.303	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	57422	18.399	ug/l	97
22) Diisopropyl ether	3.757	45	212337	18.771	ug/l	99
23) Vinyl Acetate	3.721	43	791220	98.072	ug/l	98
24) 1,1-Dichloroethane	3.611	63	110851	18.213	ug/l	99
25) 2-Butanone	4.562	43	248111	98.490	ug/l	99
26) 2,2-Dichloropropane	4.477	77	86500	17.282	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	68603	18.551	ug/l	99
28) Bromochloromethane	4.897	49	60619	20.360	ug/l	99
29) Tetrahydrofuran	5.007	42	160488	101.694	ug/l	100
30) Chloroform	5.099	83	112460	18.191	ug/l	97
31) Cyclohexane	5.470	56	98458	18.967	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	97077	18.401	ug/l	98
36) 1,1-Dichloropropene	5.690	75	81335	17.613	ug/l	99
37) Ethyl Acetate	4.714	43	96966	20.081	ug/l	99
38) Carbon Tetrachloride	5.678	117	79073	18.161	ug/l	98
39) Methylcyclohexane	7.379	83	88614	18.070	ug/l	94
40) Benzene	6.037	78	243426	18.363	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53402	20.336	ug/l	98
42) 1,2-Dichloroethane	6.086	62	97750	18.547	ug/l	99
43) Isopropyl Acetate	6.336	43	160308	19.844	ug/l	100
44) Trichloroethene	7.129	130	61096	18.055	ug/l	98
45) 1,2-Dichloropropane	7.427	63	64247	18.598	ug/l	94
46) Dibromomethane	7.580	93	44081	18.546	ug/l	98
47) Bromodichloromethane	7.824	83	81188	18.492	ug/l	97
48) Methyl methacrylate	7.690	41	77726	19.591	ug/l	98
49) 1,4-Dioxane	7.696	88	32776	400.882	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	498726	104.311	ug/l	98
52) Toluene	8.720	92	154623	17.889	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85487	18.100	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	96755	18.720	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62682	19.161	ug/l	98
56) Ethyl methacrylate	9.116	69	100938	19.693	ug/l	98
57) 1,3-Dichloropropane	9.311	76	112225	19.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	280034	107.301	ug/l	99
59) 2-Hexanone	9.427	43	375598	103.864	ug/l	98
60) Dibromochloromethane	9.518	129	57809	18.551	ug/l	100
61) 1,2-Dibromoethane	9.610	107	65290	19.193	ug/l	100
64) Tetrachloroethene	9.275	164	53553	17.623	ug/l	96
65) Chlorobenzene	10.079	112	162165	18.355	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	57174	18.820	ug/l	99
67) Ethyl Benzene	10.195	91	296495	18.525	ug/l	99
68) m/p-Xylenes	10.299	106	222908	36.460	ug/l	98
69) o-Xylene	10.640	106	110134	18.388	ug/l	98
70) Styrene	10.652	104	178549	18.675	ug/l	99
71) Bromoform	10.799	173	37907	18.346	ug/l #	99
73) Isopropylbenzene	10.963	105	283571	19.135	ug/l	99
74) N-amyl acetate	10.841	43	135779	20.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	96533	19.875	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	79505m	19.503	ug/l	
77) Bromobenzene	11.195	156	67748	18.450	ug/l	99
78) n-propylbenzene	11.305	91	323313	18.886	ug/l	99
79) 2-Chlorotoluene	11.366	91	201698	18.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	234961	18.963	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22997	16.907	ug/l #	84
82) 4-Chlorotoluene	11.451	91	232458	18.520	ug/l	100
83) tert-Butylbenzene	11.713	119	219176	18.837	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	236190	18.744	ug/l	98
85) sec-Butylbenzene	11.890	105	265092	18.727	ug/l	99
86) p-Isopropyltoluene	12.012	119	218740	18.532	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	124817	18.665	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	126906	18.170	ug/l	98
89) n-Butylbenzene	12.335	91	190262	18.450	ug/l	97
90) Hexachloroethane	12.536	117	33214	18.162	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	124483	18.587	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20320	20.043	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	71296	18.822	ug/l	100
94) Hexachlorobutadiene	13.725	225	27933	16.766	ug/l	97
95) Naphthalene	13.774	128	268641	19.959	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70244	18.388	ug/l	99

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

