

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028495.D
 Acq On : 03 May 2022 12:40
 Operator : JC/MD
 Sample : VX0503WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 04 06:03:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	331401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	528888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	490477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222611	51.517	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.040%			
35) Dibromofluoromethane	5.385	113	200477	54.051	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.100%			
50) Toluene-d8	8.653	98	708132	49.708	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	270848	49.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49220	23.008	ug/l	99
3) Chloromethane	1.295	50	47736	20.721	ug/l	99
4) Vinyl Chloride	1.374	62	57963	17.349	ug/l	100
5) Bromomethane	1.593	94	80777	22.662	ug/l	98
6) Chloroethane	1.685	64	43899	16.167	ug/l	95
7) Trichlorofluoromethane	1.886	101	111677	15.159	ug/l	99
8) Diethyl Ether	2.130	74	44335	18.037	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	58073	21.639	ug/l	97
10) Methyl Iodide	2.453	142	69816	22.266	ug/l	97
11) Tert butyl alcohol	2.959	59	80700	91.211	ug/l	97
12) 1,1-Dichloroethene	2.319	96	52613	20.658	ug/l	91
13) Acrolein	2.233	56	37508	70.827	ug/l	98
14) Allyl chloride	2.660	41	74188	17.360	ug/l	92
15) Acrylonitrile	3.062	53	175219	99.504	ug/l	99
16) Acetone	2.374	43	142912	107.488	ug/l	96
17) Carbon Disulfide	2.514	76	97282	14.184	ug/l	100
18) Methyl Acetate	2.703	43	76574	19.931	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	210627	19.832	ug/l	97
20) Methylene Chloride	2.788	84	65449	20.414	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	61138	17.651	ug/l	92
22) Diisopropyl ether	3.757	45	180552	18.549	ug/l #	82
23) Vinyl Acetate	3.721	43	786867	92.531	ug/l	99
24) 1,1-Dichloroethane	3.611	63	108033	18.797	ug/l	97
25) 2-Butanone	4.556	43	233419	91.211	ug/l	99
26) 2,2-Dichloropropane	4.477	77	86169	15.356	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	76270	18.467	ug/l	94
28) Bromochloromethane	4.904	49	56435	22.887	ug/l	89
29) Tetrahydrofuran	5.001	42	145766	87.356	ug/l	98
30) Chloroform	5.093	83	124743	18.073	ug/l	98
31) Cyclohexane	5.471	56	84872	16.121	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	106711	17.073	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84592	17.485	ug/l	99
37) Ethyl Acetate	4.715	43	88255	17.978	ug/l	99
38) Carbon Tetrachloride	5.684	117	91734	16.796	ug/l	98
39) Methylcyclohexane	7.379	83	95544	15.651	ug/l	95
40) Benzene	6.038	78	256453	18.108	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46320	18.288	ug/l	96
42) 1,2-Dichloroethane	6.092	62	96189	18.297	ug/l	100
43) Isopropyl Acetate	6.342	43	139470	17.456	ug/l	99
44) Trichloroethene	7.129	130	76921	18.730	ug/l	96
45) 1,2-Dichloropropane	7.434	63	65084	18.775	ug/l	93
46) Dibromomethane	7.580	93	51634	18.988	ug/l	99
47) Bromodichloromethane	7.824	83	94397	18.062	ug/l	99
48) Methyl methacrylate	7.696	41	66256	18.062	ug/l	94
49) 1,4-Dioxane	7.659	88	34083	347.323	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	476423	92.923	ug/l	98
52) Toluene	8.720	92	172711	17.554	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	93825	16.892	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	103819	17.406	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	77281	19.332	ug/l	96
56) Ethyl methacrylate	9.116	69	108241	18.679	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	124063	19.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	310989	114.380	ug/l	94
59) 2-Hexanone	9.433	43	364768	91.846	ug/l	95
60) Dibromochloromethane	9.525	129	78033	17.905	ug/l	95
61) 1,2-Dibromoethane	9.610	107	81138	18.501	ug/l	99
64) Tetrachloroethene	9.275	164	72985	19.051	ug/l	95
65) Chlorobenzene	10.080	112	200901	19.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74007	18.998	ug/l	99
67) Ethyl Benzene	10.195	91	337703	19.259	ug/l	97
68) m/p-Xylenes	10.305	106	270012	37.834	ug/l	96
69) o-Xylene	10.647	106	133572	18.772	ug/l	96
70) Styrene	10.659	104	222600	19.310	ug/l	99
71) Bromoform	10.799	173	54631	17.686	ug/l #	97
73) Isopropylbenzene	10.964	105	349442	19.673	ug/l	99
74) N-amyl acetate	10.848	43	120142	19.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	121715	21.116	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	105659m	20.774	ug/l	
77) Bromobenzene	11.201	156	90882	19.645	ug/l	91
78) n-propylbenzene	11.305	91	394982	20.053	ug/l	98
79) 2-Chlorotoluene	11.366	91	237160	19.367	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	291271	19.318	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27881	16.291	ug/l #	82
82) 4-Chlorotoluene	11.457	91	275639	19.541	ug/l	96
83) tert-Butylbenzene	11.719	119	296135	19.234	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	296172	19.760	ug/l	99
85) sec-Butylbenzene	11.890	105	357322	19.237	ug/l	99
86) p-Isopropyltoluene	12.012	119	307325	19.178	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	172683	19.866	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	177444	19.442	ug/l	99
89) n-Butylbenzene	12.335	91	245412	18.651	ug/l	97
90) Hexachloroethane	12.543	117	47126	17.565	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	175821	20.361	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24171	18.856	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	103690	20.189	ug/l	100
94) Hexachlorobutadiene	13.725	225	42685	18.625	ug/l	96
95) Naphthalene	13.774	128	358069	20.929	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	103464	20.524	ug/l	96

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

