

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028816.D
 Acq On : 19 May 2022 11:36
 Operator : JC/MD
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 20 01:43:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	207092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139559	49.162	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.320%		
35) Dibromofluoromethane	5.385	113	114777	50.787	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.580%		
50) Toluene-d8	8.653	98	418745	49.146	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.300%		
62) 4-Bromofluorobenzene	11.079	95	154674	48.602	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50837	18.747	ug/l	98
3) Chloromethane	1.288	50	48800	19.109	ug/l	98
4) Vinyl Chloride	1.374	62	52847	19.203	ug/l	99
5) Bromomethane	1.605	94	39293	16.481	ug/l	100
6) Chloroethane	1.684	64	36966	20.003	ug/l	98
7) Trichlorofluoromethane	1.886	101	100883	22.992	ug/l	96
8) Diethyl Ether	2.136	74	34081	21.317	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	46522	20.149	ug/l	96
10) Methyl Iodide	2.453	142	51114	18.491	ug/l	95
11) Tert butyl alcohol	2.965	59	59133	93.149	ug/l	97
12) 1,1-Dichloroethene	2.319	96	42618	19.884	ug/l	100
13) Acrolein	2.233	56	33590	72.090	ug/l	97
14) Allyl chloride	2.666	41	66447	19.330	ug/l	90
15) Acrylonitrile	3.062	53	134110	98.054	ug/l	99
16) Acetone	2.379	43	117914	96.784	ug/l	96
17) Carbon Disulfide	2.514	76	101146	18.205	ug/l	98
18) Methyl Acetate	2.703	43	61573	20.178	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	151822	19.961	ug/l	97
20) Methylene Chloride	2.788	84	49181	19.241	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	46123	19.105	ug/l	99
22) Diisopropyl ether	3.763	45	144885	19.723	ug/l	90
23) Vinyl Acetate	3.721	43	630533	99.565	ug/l	96
24) 1,1-Dichloroethane	3.611	63	84078	19.687	ug/l	98
25) 2-Butanone	4.556	43	184855	96.663	ug/l	98
26) 2,2-Dichloropropane	4.477	77	64952	19.397	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	55210	19.580	ug/l	98
28) Bromochloromethane	4.897	49	35783	19.906	ug/l	95
29) Tetrahydrofuran	5.007	42	120206	96.701	ug/l	93
30) Chloroform	5.092	83	92683	20.053	ug/l	98
31) Cyclohexane	5.476	56	73905	18.756	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	78545	19.466	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65963	19.433	ug/l	100
37) Ethyl Acetate	4.714	43	71446	20.152	ug/l	98
38) Carbon Tetrachloride	5.684	117	69412	20.319	ug/l	97
39) Methylcyclohexane	7.379	83	91211	23.431	ug/l	93
40) Benzene	6.037	78	192038	19.685	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36876	19.398	ug/l	93
42) 1,2-Dichloroethane	6.086	62	73688	20.478	ug/l	99
43) Isopropyl Acetate	6.342	43	110818	19.979	ug/l	95
44) Trichloroethene	7.129	130	58674	22.177	ug/l	96
45) 1,2-Dichloropropane	7.433	63	56398	23.171	ug/l	100
46) Dibromomethane	7.580	93	43276	23.808	ug/l	94
47) Bromodichloromethane	7.824	83	80402	23.825	ug/l	98
48) Methyl methacrylate	7.696	41	63887	23.844	ug/l	85
49) 1,4-Dioxane	7.671	88	29546	441.398	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	369007	101.000	ug/l	93
52) Toluene	8.720	92	124863	19.897	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	66872	18.290	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	75565	19.900	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	52176	20.389	ug/l	99
56) Ethyl methacrylate	9.116	69	77144	19.907	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	86765	20.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	192092	101.249	ug/l	100
59) 2-Hexanone	9.433	43	278881	98.249	ug/l	91
60) Dibromochloromethane	9.525	129	51869	20.784	ug/l	94
61) 1,2-Dibromoethane	9.610	107	54931	20.438	ug/l	99
64) Tetrachloroethene	9.275	164	48348	20.739	ug/l	96
65) Chlorobenzene	10.079	112	135184	20.642	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	49760	21.449	ug/l	97
67) Ethyl Benzene	10.195	91	239368	20.392	ug/l	99
68) m/p-Xylenes	10.305	106	188252	41.192	ug/l	99
69) o-Xylene	10.646	106	91924	20.430	ug/l	100
70) Styrene	10.658	104	150334	20.574	ug/l	98
71) Bromoform	10.805	173	34119	18.940	ug/l #	99
73) Isopropylbenzene	10.963	105	240454	20.429	ug/l	99
74) N-amyl acetate	10.841	43	91191	19.709	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	81147	20.096	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	74391m	20.466	ug/l	
77) Bromobenzene	11.201	156	57005	20.469	ug/l	97
78) n-propylbenzene	11.305	91	279816	20.552	ug/l	99
79) 2-Chlorotoluene	11.366	91	165969	19.889	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	204197	20.820	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19186	18.398	ug/l #	75
82) 4-Chlorotoluene	11.457	91	194543	20.166	ug/l	100
83) tert-Butylbenzene	11.719	119	197564	20.806	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	203765	20.719	ug/l	98
85) sec-Butylbenzene	11.890	105	248456	21.212	ug/l	99
86) p-Isopropyltoluene	12.012	119	208866	21.251	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	109391	20.026	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111896	19.749	ug/l	97
89) n-Butylbenzene	12.335	91	174962	20.545	ug/l	97
90) Hexachloroethane	12.542	117	31006	19.508	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	108338	20.189	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17616	20.432	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	67614	21.816	ug/l	97
94) Hexachlorobutadiene	13.725	225	26908	21.370	ug/l	93
95) Naphthalene	13.780	128	237369	21.522	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67231	21.598	ug/l	95

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

