

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032199.D
 Acq On : 19 Oct 2022 11:46
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 19 12:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 11:57:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	18671	10.372	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	20.740%#		
35) Dibromofluoromethane	5.385	113	15229	11.324	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	22.640%#		
50) Toluene-d8	8.647	98	55096	11.246	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	22.500%#		
62) 4-Bromofluorobenzene	11.079	95	18574	9.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.480%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11879	9.789	ug/l	97
3) Chloromethane	1.294	50	11650	9.193	ug/l	100
4) Vinyl Chloride	1.374	62	12016	9.527	ug/l	99
5) Bromomethane	1.611	94	13744	18.305	ug/l	98
6) Chloroethane	1.691	64	8629	10.358	ug/l	98
7) Trichlorofluoromethane	1.892	101	21186	10.014	ug/l	99
8) Diethyl Ether	2.136	74	7391	10.096	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	12040	9.687	ug/l	97
10) Methyl Iodide	2.453	142	16873	9.813	ug/l	95
11) Tert butyl alcohol	2.971	59	14793	34.635	ug/l	96
12) 1,1-Dichloroethene	2.319	96	10912	9.374	ug/l	100
13) Acrolein	2.239	56	9738	82.075	ug/l	97
14) Allyl chloride	2.666	41	16912	7.995	ug/l	92
15) Acrylonitrile	3.062	53	30544	41.482	ug/l	98
16) Acetone	2.380	43	26748	34.847	ug/l	95
17) Carbon Disulfide	2.514	76	24457	8.384	ug/l	97
18) Methyl Acetate	2.703	43	18215	7.569	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	37129	8.679	ug/l	99
20) Methylene Chloride	2.788	84	13543	9.188	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	11989	9.408	ug/l	100
22) Diisopropyl ether	3.757	45	36199	8.712	ug/l #	87
23) Vinyl Acetate	3.721	43	145472	43.121	ug/l	98
24) 1,1-Dichloroethane	3.611	63	21473	8.807	ug/l	98
25) 2-Butanone	4.556	43	41735	36.915	ug/l	99
26) 2,2-Dichloropropane	4.477	77	14977	7.014	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	14269	9.696	ug/l	98
28) Bromochloromethane	4.898	49	7858	7.910	ug/l	98
29) Tetrahydrofuran	5.013	42	27851	39.358	ug/l	92
30) Chloroform	5.099	83	23832	9.192	ug/l	99
31) Cyclohexane	5.471	56	18742	8.901	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	19651	8.469	ug/l	98
36) 1,1-Dichloropropene	5.690	75	17177	9.316	ug/l	99
37) Ethyl Acetate	4.721	43	16069	7.480	ug/l #	96
38) Carbon Tetrachloride	5.678	117	17451	8.409	ug/l	93
39) Methylcyclohexane	7.385	83	20956	9.520	ug/l	95
40) Benzene	6.038	78	49916	9.439	ug/l	97

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41) Methacrylonitrile	4.928	41	8758	7.644	ug/l	96
42) 1,2-Dichloroethane	6.092	62	18505	8.392	ug/l	98
43) Isopropyl Acetate	6.342	43	25634	7.496	ug/l	93
44) Trichloroethene	7.129	130	13692	9.215	ug/l	96
45) 1,2-Dichloropropane	7.434	63	12500	8.956	ug/l	97
46) Dibromomethane	7.580	93	9581	9.378	ug/l	96
47) Bromodichloromethane	7.824	83	16540	8.707	ug/l	99
48) Methyl methacrylate	7.696	41	12927	7.576	ug/l	89
49) 1,4-Dioxane	7.684	88	6239	174.625	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	83867	38.485	ug/l	92
52) Toluene	8.720	92	32253	9.306	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	15196	7.054	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	17934	8.044	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	13308	9.016	ug/l	98
56) Ethyl methacrylate	9.116	69	18532	8.373	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	20930	8.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	43105	40.354	ug/l	100
59) 2-Hexanone	9.433	43	62591	36.861	ug/l	90
60) Dibromochloromethane	9.519	129	12641	8.484	ug/l	98
61) 1,2-Dibromoethane	9.610	107	13645	8.676	ug/l	100
64) Tetrachloroethene	9.275	164	11140	8.161	ug/l	96
65) Chlorobenzene	10.079	112	35552	9.807	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	12061	8.977	ug/l	100
67) Ethyl Benzene	10.195	91	61538	9.704	ug/l	99
68) m/p-Xylenes	10.299	106	47634	19.620	ug/l	98
69) o-Xylene	10.640	106	23270	9.602	ug/l	99
70) Styrene	10.659	104	37488	9.535	ug/l	99
71) Bromoform	10.799	173	8508	8.411	ug/l #	100
73) Isopropylbenzene	10.963	105	61565	9.806	ug/l	99
74) N-amyl acetate	10.842	43	22811	8.631	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	19593	9.647	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	16888m	8.712	ug/l	
77) Bromobenzene	11.201	156	15142	9.597	ug/l	91
78) n-propylbenzene	11.305	91	69426	9.789	ug/l	99
79) 2-Chlorotoluene	11.366	91	41924	9.517	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	51030	9.643	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3848	5.838	ug/l #	71
82) 4-Chlorotoluene	11.457	91	47713	9.519	ug/l	98
83) tert-Butylbenzene	11.713	119	51790	10.140	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	51169	9.830	ug/l	100
85) sec-Butylbenzene	11.890	105	62931	9.834	ug/l	100
86) p-Isopropyltoluene	12.012	119	53243	9.912	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	27984	9.902	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	28764	9.971	ug/l	97
89) n-Butylbenzene	12.335	91	44756	9.629	ug/l	97
90) Hexachloroethane	12.536	117	7919	9.150	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	28408	10.246	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3749	8.046	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	17590	10.765	ug/l	98
94) Hexachlorobutadiene	13.725	225	7855	9.627	ug/l	98
95) Naphthalene	13.774	128	60462	11.507	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17939	10.892	ug/l	99

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

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