

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030763.D
 Acq On : 25 Aug 2022 10:20
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:45:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 01:44:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	252478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	414229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	373486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	18419	6.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	12.400%#		
35) Dibromofluoromethane	5.391	113	14990	5.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.600%#		
50) Toluene-d8	8.653	98	54846	5.743	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.480%#		
62) 4-Bromofluorobenzene	11.079	95	18654	5.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11761	4.669	ug/l	90
3) Chloromethane	1.288	50	12214	5.000	ug/l	97
4) Vinyl Chloride	1.374	62	13821	5.013	ug/l	99
5) Bromomethane	1.612	94	7149	5.927	ug/l	94
6) Chloroethane	1.685	64	8648	5.519	ug/l	94
7) Trichlorofluoromethane	1.886	101	21132	5.780	ug/l	94
8) Diethyl Ether	2.136	74	8004	5.328	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	13082	5.250	ug/l	95
10) Methyl Iodide	2.447	142	6409	3.274	ug/l	91
11) Tert butyl alcohol	2.995	59	15824	21.098	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	12663	5.193	ug/l	94
13) Acrolein	2.239	56	3601	15.292	ug/l	88
14) Allyl chloride	2.666	41	22811	5.283	ug/l	96
15) Acrylonitrile	3.069	53	40728	23.586	ug/l	99
16) Acetone	2.392	43	34323	24.324	ug/l	100
17) Carbon Disulfide	2.508	76	32910	5.595	ug/l #	92
18) Methyl Acetate	2.709	43	21739	5.042	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	41184	5.203	ug/l	95
20) Methylene Chloride	2.788	84	14956	4.643	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	13790	5.406	ug/l	97
22) Diisopropyl ether	3.764	45	43687	5.109	ug/l	88
23) Vinyl Acetate	3.727	43	176110	24.695	ug/l	100
24) 1,1-Dichloroethane	3.617	63	25752	5.434	ug/l	99
25) 2-Butanone	4.568	43	55809	23.528	ug/l	92
26) 2,2-Dichloropropane	4.483	77	17517	5.192	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	16280	5.170	ug/l	100
28) Bromochloromethane	4.904	49	10292	5.133	ug/l	98
29) Tetrahydrofuran	5.026	42	37535	23.495	ug/l	96
30) Chloroform	5.099	83	26125	5.498	ug/l	89
31) Cyclohexane	5.471	56	22713	5.418	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	21837	5.605	ug/l	100
36) 1,1-Dichloropropene	5.702	75	18689	5.601	ug/l	99
37) Ethyl Acetate	4.721	43	20947	4.937	ug/l #	95
38) Carbon Tetrachloride	5.678	117	19480	6.127	ug/l #	95
39) Methylcyclohexane	7.385	83	24855	5.971	ug/l	96
40) Benzene	6.044	78	58594	5.634	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11824	5.142	ug/l	96
42) 1,2-Dichloroethane	6.092	62	20144	6.088	ug/l	98
43) Isopropyl Acetate	6.348	43	31687	4.943	ug/l	98
44) Trichloroethene	7.129	130	16187	5.282	ug/l	82
45) 1,2-Dichloropropane	7.434	63	15267	5.551	ug/l	100
46) Dibromomethane	7.586	93	10842	5.731	ug/l	97
47) Bromodichloromethane	7.824	83	20180	5.781	ug/l	99
48) Methyl methacrylate	7.696	41	15430	5.185	ug/l	96
49) 1,4-Dioxane	7.690	88	8375	109.460	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	108953	25.616	ug/l	99
52) Toluene	8.720	92	36793	5.546	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	18368	5.142	ug/l	92
54) cis-1,3-Dichloropropene	8.373	75	21848	5.348	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	15047	5.424	ug/l	95
56) Ethyl methacrylate	9.122	69	20360	4.923	ug/l	99
57) 1,3-Dichloropropane	9.311	76	24933	5.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	52783	23.522	ug/l	98
59) 2-Hexanone	9.433	43	83520	25.710	ug/l	97
60) Dibromochloromethane	9.525	129	15184	5.545	ug/l	96
61) 1,2-Dibromoethane	9.610	107	15755	5.480	ug/l	96
64) Tetrachloroethene	9.275	164	15674	5.355	ug/l	97
65) Chlorobenzene	10.080	112	38800	5.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	14243	5.647	ug/l	97
67) Ethyl Benzene	10.195	91	66670	5.427	ug/l	97
68) m/p-Xylenes	10.305	106	51751	10.759	ug/l	98
69) o-Xylene	10.646	106	24943	5.182	ug/l	92
70) Styrene	10.659	104	41311	5.138	ug/l	98
71) Bromoform	10.799	173	10892	5.345	ug/l #	100
73) Isopropylbenzene	10.964	105	66185	5.215	ug/l	100
74) N-amyl acetate	10.848	43	23068	4.209	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	22032	4.823	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	20299m	4.736	ug/l	
77) Bromobenzene	11.201	156	15666	4.934	ug/l	98
78) n-propylbenzene	11.305	91	73065	4.869	ug/l	100
79) 2-Chlorotoluene	11.366	91	45210	5.013	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	54014	5.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6305	4.419	ug/l	86
82) 4-Chlorotoluene	11.457	91	51836	5.112	ug/l	99
83) tert-Butylbenzene	11.719	119	52548	5.077	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	52289	4.942	ug/l	99
85) sec-Butylbenzene	11.890	105	67150	4.930	ug/l	99
86) p-Isopropyltoluene	12.012	119	55564	5.079	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	30397	5.111	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	31430	5.159	ug/l	93
89) n-Butylbenzene	12.335	91	50505	5.113	ug/l	99
90) Hexachloroethane	12.543	117	10579	5.547	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	32998	5.436	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5641	5.316	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	18981	5.056	ug/l	97
94) Hexachlorobutadiene	13.725	225	7680	5.080	ug/l	94
95) Naphthalene	13.780	128	64288	4.373	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	20387	5.296	ug/l	98

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

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