

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032186.D
 Acq On : 18 Oct 2022 03:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 14:38:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76015	45.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.160%		
35) Dibromofluoromethane	5.385	113	60967	38.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	77.500%		
50) Toluene-d8	8.647	98	291618	52.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.700%		
62) 4-Bromofluorobenzene	11.079	95	117229	55.797	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57716	50.065	ug/l	99
3) Chloromethane	1.288	50	57967	52.078	ug/l	100
4) Vinyl Chloride	1.374	62	64555	52.047	ug/l	98
5) Bromomethane	1.611	94	44105	48.041	ug/l	97
6) Chloroethane	1.685	64	59489	64.606	ug/l	98
7) Trichlorofluoromethane	1.886	101	114648	59.241	ug/l	98
8) Diethyl Ether	2.130	74	39901	62.370	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	54019	59.060	ug/l	93
10) Methyl Iodide	2.453	142	64061	57.773	ug/l	99
11) Tert butyl alcohol	3.014	59	57793	251.986	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	50821	59.473	ug/l	95
13) Acrolein	2.239	56	53203	275.594	ug/l	100
14) Allyl chloride	2.660	41	78642	52.075	ug/l	97
15) Acrylonitrile	3.068	53	149386	271.328	ug/l	98
16) Acetone	2.392	43	118762	296.201	ug/l	96
17) Carbon Disulfide	2.508	76	118132	55.092	ug/l	98
18) Methyl Acetate	2.703	43	85182	52.166	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	182042	51.322	ug/l	99
20) Methylene Chloride	2.788	84	59169	47.998	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	58937	50.903	ug/l	95
22) Diisopropyl ether	3.757	45	185874	49.543	ug/l	89
23) Vinyl Acetate	3.721	43	743912	253.827	ug/l	98
24) 1,1-Dichloroethane	3.611	63	102384	46.823	ug/l	97
25) 2-Butanone	4.568	43	199782	233.201	ug/l	99
26) 2,2-Dichloropropane	4.477	77	63868	37.111	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	69280	49.748	ug/l	89
28) Bromochloromethane	4.897	49	41801	46.787	ug/l	91
29) Tetrahydrofuran	5.013	42	132097	257.125	ug/l	96
30) Chloroform	5.092	83	116047	48.492	ug/l	97
31) Cyclohexane	5.470	56	93427	50.273	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	100823	48.874	ug/l	98
36) 1,1-Dichloropropene	5.690	75	84313	37.043	ug/l	98
37) Ethyl Acetate	4.714	43	84171	36.851	ug/l	99
38) Carbon Tetrachloride	5.684	117	87446	36.278	ug/l	97
39) Methylcyclohexane	7.379	83	131926	48.296	ug/l	98
40) Benzene	6.037	78	257624	40.466	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46107	39.149	ug/l	99
42) 1,2-Dichloroethane	6.086	62	103700	38.889	ug/l	100
43) Isopropyl Acetate	6.342	43	168633	48.994	ug/l	100
44) Trichloroethene	7.129	130	88053	49.086	ug/l	95
45) 1,2-Dichloropropane	7.434	63	79588	50.178	ug/l	97
46) Dibromomethane	7.580	93	61130	50.171	ug/l	97
47) Bromodichloromethane	7.824	83	119216	52.523	ug/l	98
48) Methyl methacrylate	7.696	41	92177	52.842	ug/l	99
49) 1,4-Dioxane	7.702	88	35375	989.054	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	563581	267.018	ug/l	99
52) Toluene	8.720	92	207918	51.258	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	120086	59.311	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	126252	53.102	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	70645	45.878	ug/l	97
56) Ethyl methacrylate	9.116	69	115848	52.678	ug/l	99
57) 1,3-Dichloropropane	9.311	76	108562	40.212	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	278010	255.171	ug/l	97
59) 2-Hexanone	9.433	43	328697	210.211	ug/l	98
60) Dibromochloromethane	9.518	129	66476	41.729	ug/l	98
61) 1,2-Dibromoethane	9.610	107	69728	41.930	ug/l	98
64) Tetrachloroethene	9.275	164	75571	51.267	ug/l	98
65) Chlorobenzene	10.079	112	184108	47.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	71048	52.609	ug/l	98
67) Ethyl Benzene	10.195	91	331271	48.365	ug/l	99
68) m/p-Xylenes	10.299	106	283111	107.789	ug/l	95
69) o-Xylene	10.640	106	154490	59.776	ug/l	96
70) Styrene	10.659	104	259806	62.207	ug/l	98
71) Bromoform	10.799	173	58967	62.075	ug/l #	99
73) Isopropylbenzene	10.963	105	416193	49.518	ug/l	97
74) N-amyl acetate	10.848	43	167245	56.838	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	125320	46.510	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	119572m	49.611	ug/l	
77) Bromobenzene	11.201	156	96579	47.204	ug/l	96
78) n-propylbenzene	11.305	91	486186	48.273	ug/l	98
79) 2-Chlorotoluene	11.366	91	288522	46.376	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	358704	48.352	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32537	51.969	ug/l	86
82) 4-Chlorotoluene	11.457	91	341293	47.076	ug/l	97
83) tert-Butylbenzene	11.713	119	343729	47.100	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	360179	48.249	ug/l	97
85) sec-Butylbenzene	11.890	105	441120	48.299	ug/l	98
86) p-Isopropyltoluene	12.012	119	373168	49.081	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	187927	47.527	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	188276	46.625	ug/l	99
89) n-Butylbenzene	12.335	91	324755	51.809	ug/l	99
90) Hexachloroethane	12.542	117	58622	55.562	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	187983	49.752	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29181	52.518	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	109422	52.141	ug/l	99
94) Hexachlorobutadiene	13.725	225	44548	50.650	ug/l	96
95) Naphthalene	13.774	128	395819	56.442	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114454	54.479	ug/l	100

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

