

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037228.D
 Acq On : 24 Aug 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 24 23:41:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99151	65.085	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 130.180%#			
35) Dibromofluoromethane	5.385	113	80247	58.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.580%			
50) Toluene-d8	8.647	98	274973	55.537	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.080%			
62) 4-Bromofluorobenzene	11.079	95	113791	58.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56996	46.434	ug/l	100
3) Chloromethane	1.300	50	67497	62.855	ug/l	98
4) Vinyl Chloride	1.374	62	62268	53.271	ug/l	99
5) Bromomethane	1.599	94	30469	52.331	ug/l	96
6) Chloroethane	1.672	64	43036	62.567	ug/l	98
7) Trichlorofluoromethane	1.880	101	96667	50.486	ug/l	98
8) Diethyl Ether	2.136	74	47798	64.523	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	49758	44.546	ug/l	97
10) Methyl Iodide	2.447	142	68207	50.241	ug/l	96
11) Tert butyl alcohol	2.971	59	117163	327.860	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	55001	50.564	ug/l	87
13) Acrolein	2.233	56	82653	304.032	ug/l	99
14) Allyl chloride	2.660	41	98230	58.343	ug/l #	92
15) Acrylonitrile	3.062	53	214651	336.530	ug/l	99
16) Acetone	2.379	43	182148	305.632	ug/l	90
17) Carbon Disulfide	2.507	76	118991	43.006	ug/l	98
18) Methyl Acetate	2.703	43	144095	64.215	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	265626	64.387	ug/l	95
20) Methylene Chloride	2.788	84	80664	60.523	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	65769	53.188	ug/l	90
22) Diisopropyl ether	3.757	45	217900	63.070	ug/l #	92
23) Vinyl Acetate	3.721	43	846764	319.830	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	131710	60.792	ug/l	97
25) 2-Butanone	4.556	43	289298	322.390	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	95724	49.473	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	87979	60.353	ug/l	87
28) Bromochloromethane	4.897	49	62469	64.545	ug/l #	76
29) Tetrahydrofuran	5.001	42	181611	317.352	ug/l #	83
30) Chloroform	5.092	83	148797	61.181	ug/l	94
31) Cyclohexane	5.470	56	75097	43.841	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	121833	55.901	ug/l	97
36) 1,1-Dichloropropene	5.690	75	84792	43.725	ug/l	97
37) Ethyl Acetate	4.714	43	109680	55.369	ug/l #	93
38) Carbon Tetrachloride	5.678	117	97331	46.205	ug/l	99
39) Methylcyclohexane	7.379	83	84179	41.317	ug/l	88
40) Benzene	6.037	78	294721	52.992	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58776	57.076	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	122431	56.134	ug/l	97
43) Isopropyl Acetate	6.336	43	178329	56.704	ug/l #	91
44) Trichloroethene	7.123	130	80637	51.132	ug/l	99
45) 1,2-Dichloropropane	7.427	63	77372	56.421	ug/l	100
46) Dibromomethane	7.580	93	60720	56.206	ug/l	94
47) Bromodichloromethane	7.824	83	118721	57.375	ug/l	98
48) Methyl methacrylate	7.696	41	87898	57.310	ug/l #	86
49) 1,4-Dioxane	7.659	88	53810	1302.723	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	575492	301.353	ug/l	90
52) Toluene	8.720	92	192739	52.450	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	125998	57.188	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	132419	55.618	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	90500	60.482	ug/l	98
56) Ethyl methacrylate	9.116	69	141177	60.235	ug/l	86
57) 1,3-Dichloropropane	9.305	76	147327	58.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	337233	299.826	ug/l	92
59) 2-Hexanone	9.433	43	452997	311.104	ug/l	89
60) Dibromochloromethane	9.518	129	96688	60.691	ug/l	100
61) 1,2-Dibromoethane	9.610	107	95796	58.474	ug/l	99
64) Tetrachloroethene	9.275	164	56033	38.552	ug/l	100
65) Chlorobenzene	10.079	112	218457	51.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	86985	55.969	ug/l	99
67) Ethyl Benzene	10.195	91	368867	49.782	ug/l	100
68) m/p-Xylenes	10.299	106	286007	99.953	ug/l	98
69) o-Xylene	10.640	106	149296	52.884	ug/l	98
70) Styrene	10.652	104	253521	54.517	ug/l	98
71) Bromoform	10.799	173	71661	61.642	ug/l #	100
73) Isopropylbenzene	10.963	105	360943	48.185	ug/l	99
74) N-amyl acetate	10.841	43	165477	56.853	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	147364	58.415	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	123350m	56.201	ug/l	
77) Bromobenzene	11.195	156	97123	53.089	ug/l	92
78) n-propylbenzene	11.305	91	402446	48.249	ug/l	98
79) 2-Chlorotoluene	11.366	91	272427	51.109	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	320068	51.222	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42917	54.615	ug/l	90
82) 4-Chlorotoluene	11.451	91	312644	50.812	ug/l	98
83) tert-Butylbenzene	11.713	119	314222	52.728	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	328595	52.033	ug/l	97
85) sec-Butylbenzene	11.890	105	356387	51.200	ug/l	98
86) p-Isopropyltoluene	12.006	119	311475	51.981	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	176945	51.661	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	178415	50.418	ug/l	99
89) n-Butylbenzene	12.329	91	248702	50.062	ug/l	99
90) Hexachloroethane	12.536	117	57303	57.295	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	186333	55.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35531	60.616	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	103318	52.647	ug/l	98
94) Hexachlorobutadiene	13.725	225	34985	46.146	ug/l	98
95) Naphthalene	13.774	128	414771	48.250	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106516	54.631	ug/l	99

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

