

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082223\
 Data File : VX037148.D
 Acq On : 22 Aug 2023 12:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 22 15:37:53 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 :Semsettin Yesilyurt 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	278718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118453	50.288	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.580%			
35) Dibromofluoromethane	5.385	113	96752	52.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.820%			
50) Toluene-d8	8.647	98	352078	52.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.160%			
62) 4-Bromofluorobenzene	11.079	95	143548	54.554	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	103778	54.681	ug/l	98
3) Chloromethane	1.306	50	100068	60.268	ug/l	99
4) Vinyl Chloride	1.374	62	93715	51.853	ug/l	97
5) Bromomethane	1.599	94	58155	64.598	ug/l	99
6) Chloroethane	1.684	64	97998	92.144	ug/l	99
7) Trichlorofluoromethane	1.886	101	157878	53.327	ug/l	99
8) Diethyl Ether	2.136	74	55836	48.748	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	85882	49.726	ug/l	97
10) Methyl Iodide	2.453	142	109383	52.109	ug/l	95
11) Tert butyl alcohol	2.959	59	120813	218.650	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	83425	49.602	ug/l	85
13) Acrolein	2.233	56	45884	109.159	ug/l	98
14) Allyl chloride	2.666	41	119528	45.915	ug/l #	95
15) Acrylonitrile	3.062	53	234146	237.419	ug/l	100
16) Acetone	2.379	43	204887	222.345	ug/l	92
17) Carbon Disulfide	2.514	76	210135	49.119	ug/l	98
18) Methyl Acetate	2.703	43	158223	45.603	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	310192	48.629	ug/l	98
20) Methylene Chloride	2.788	84	97263	47.199	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	92724	48.498	ug/l	87
22) Diisopropyl ether	3.757	45	261925	49.032	ug/l #	92
23) Vinyl Acetate	3.721	43	991190	242.132	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	163481	48.802	ug/l	98
25) 2-Butanone	4.556	43	309591	223.132	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	72349	24.183	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	109421	48.546	ug/l	85
28) Bromochloromethane	4.897	49	79839	53.352	ug/l #	77
29) Tetrahydrofuran	5.001	42	199038	224.943	ug/l #	84
30) Chloroform	5.092	83	182736	48.594	ug/l	97
31) Cyclohexane	5.470	56	134440	50.760	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	168382	49.968	ug/l	96
36) 1,1-Dichloropropene	5.690	75	131270	50.055	ug/l	97
37) Ethyl Acetate	4.708	43	124680	46.542	ug/l #	94
38) Carbon Tetrachloride	5.678	117	149940	52.633	ug/l	98
39) Methylcyclohexane	7.379	83	140008	50.814	ug/l	91
40) Benzene	6.037	78	372524	49.529	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67567	48.517	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	144984	49.155	ug/l	96
43) Isopropyl Acetate	6.336	43	208178	48.948	ug/l #	92
44) Trichloroethene	7.122	130	104017	48.772	ug/l	99
45) 1,2-Dichloropropane	7.427	63	93268	50.292	ug/l	100
46) Dibromomethane	7.580	93	73296	50.170	ug/l	95
47) Bromodichloromethane	7.824	83	144996	51.816	ug/l	98
48) Methyl methacrylate	7.689	41	102247	49.296	ug/l #	87
49) 1,4-Dioxane	7.659	88	48258	863.908	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	618824	239.614	ug/l	91
52) Toluene	8.720	92	251287	50.566	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	143676	48.221	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	149465	46.421	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	102488	50.647	ug/l	99
56) Ethyl methacrylate	9.116	69	160766	50.721	ug/l	87
57) 1,3-Dichloropropane	9.305	76	170300	49.923	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	395506	260.017	ug/l	92
59) 2-Hexanone	9.427	43	473773	240.597	ug/l	89
60) Dibromochloromethane	9.518	129	115504	53.611	ug/l	100
61) 1,2-Dibromoethane	9.610	107	112730	50.882	ug/l	100
64) Tetrachloroethene	9.275	164	88283	46.346	ug/l	99
65) Chlorobenzene	10.079	112	274616	49.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	104828	51.466	ug/l	98
67) Ethyl Benzene	10.195	91	490908	50.552	ug/l	99
68) m/p-Xylenes	10.299	106	381789	101.807	ug/l	98
69) o-Xylene	10.640	106	186826	50.495	ug/l	99
70) Styrene	10.652	104	318218	52.213	ug/l	98
71) Bromoform	10.799	173	84446	55.426	ug/l #	100
73) Isopropylbenzene	10.963	105	489960	47.226	ug/l	98
74) N-amyl acetate	10.841	43	187778	46.581	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	160787	46.019	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	132405m	43.557	ug/l	
77) Bromobenzene	11.195	156	121122	47.803	ug/l	92
78) n-propylbenzene	11.305	91	563230	48.754	ug/l	99
79) 2-Chlorotoluene	11.366	91	350743	47.510	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	426025	49.226	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	41972	38.565	ug/l	86
82) 4-Chlorotoluene	11.451	91	411268	48.260	ug/l	99
83) tert-Butylbenzene	11.713	119	406824	49.290	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	425828	48.685	ug/l	97
85) sec-Butylbenzene	11.890	105	491952	51.029	ug/l	99
86) p-Isopropyltoluene	12.006	119	418678	50.449	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	234080	49.344	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	234591	47.865	ug/l	99
89) n-Butylbenzene	12.329	91	351029	51.017	ug/l	99
90) Hexachloroethane	12.536	117	76731	55.394	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	232426	50.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40600	50.009	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	140827	51.812	ug/l	96
94) Hexachlorobutadiene	13.725	225	55248	52.616	ug/l	99
95) Naphthalene	13.774	128	511955	43.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	136518	50.555	ug/l	98

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

