

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037230.D
 Acq On : 24 Aug 2023 21:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 24 23:21:43 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	135725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104697	53.506	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.020%			
35) Dibromofluoromethane	5.379	113	84843	53.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	8.647	98	301231	52.301	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.600%			
62) 4-Bromofluorobenzene	11.079	95	125751	55.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	80457	51.032	ug/l	99
3) Chloromethane	1.301	50	75571	54.789	ug/l	99
4) Vinyl Chloride	1.374	62	76259	50.793	ug/l	97
5) Bromomethane	1.599	94	37758	50.489	ug/l	99
6) Chloroethane	1.679	64	52356	59.260	ug/l	100
7) Trichlorofluoromethane	1.880	101	128986	52.447	ug/l	97
8) Diethyl Ether	2.130	74	53122	55.830	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	74293	51.782	ug/l	97
10) Methyl Iodide	2.447	142	87893	50.405	ug/l	96
11) Tert butyl alcohol	2.959	59	124498	271.237	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67716	48.467	ug/l	86
13) Acrolein	2.233	56	90256	258.478	ug/l	99
14) Allyl chloride	2.660	41	112376	51.965	ug/l #	92
15) Acrylonitrile	3.063	53	229651	280.316	ug/l	100
16) Acetone	2.380	43	192471	251.436	ug/l	90
17) Carbon Disulfide	2.508	76	152893	43.022	ug/l	99
18) Methyl Acetate	2.703	43	163623	56.770	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	294623	55.601	ug/l	97
20) Methylene Chloride	2.788	84	88487	51.691	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	78891	49.672	ug/l	89
22) Diisopropyl ether	3.758	45	244932	55.195	ug/l #	88
23) Vinyl Acetate	3.721	43	915538	269.228	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	148136	53.233	ug/l	97
25) 2-Butanone	4.550	43	306596	266.005	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	112872	45.417	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	99650	53.221	ug/l	87
28) Bromochloromethane	4.891	49	68150	54.821	ug/l #	74
29) Tetrahydrofuran	5.001	42	194401	264.475	ug/l #	83
30) Chloroform	5.093	83	166860	53.415	ug/l	97
31) Cyclohexane	5.471	56	111013	50.457	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	144262	51.534	ug/l	96
36) 1,1-Dichloropropene	5.690	75	106624	47.266	ug/l	96
37) Ethyl Acetate	4.709	43	118791	51.551	ug/l #	93
38) Carbon Tetrachloride	5.672	117	123850	50.542	ug/l	96
39) Methylcyclohexane	7.379	83	131537	55.499	ug/l	92
40) Benzene	6.038	78	338013	52.246	ug/l	100

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41) Methacrylonitrile	4.916	41	65191	54.421	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	134069	52.843	ug/l	95
43) Isopropyl Acetate	6.336	43	194456	53.153	ug/l #	91
44) Trichloroethene	7.123	130	91090	49.653	ug/l	97
45) 1,2-Dichloropropane	7.428	63	86929	54.493	ug/l	98
46) Dibromomethane	7.580	93	67918	54.045	ug/l	93
47) Bromodichloromethane	7.818	83	133364	55.406	ug/l	98
48) Methyl methacrylate	7.690	41	96078	53.852	ug/l #	86
49) 1,4-Dioxane	7.659	88	54491	1134.056	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	616229	277.395	ug/l	91
52) Toluene	8.720	92	223388	52.259	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	143192	55.871	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	147879	53.394	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	98830	56.779	ug/l	97
56) Ethyl methacrylate	9.116	69	153906	56.450	ug/l	86
57) 1,3-Dichloropropane	9.305	76	162245	55.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	360088	275.213	ug/l	92
59) 2-Hexanone	9.427	43	480499	283.677	ug/l	88
60) Dibromochloromethane	9.519	129	109141	58.892	ug/l	100
61) 1,2-Dibromoethane	9.610	107	107012	56.152	ug/l	100
64) Tetrachloroethene	9.275	164	74283	44.553	ug/l	95
65) Chlorobenzene	10.080	112	252031	52.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	97402	54.633	ug/l	99
67) Ethyl Benzene	10.195	91	437056	51.419	ug/l	100
68) m/p-Xylenes	10.299	106	341595	104.068	ug/l	98
69) o-Xylene	10.640	106	170052	52.510	ug/l	99
70) Styrene	10.653	104	292411	54.814	ug/l	98
71) Bromoform	10.799	173	80004	59.992	ug/l #	99
73) Isopropylbenzene	10.964	105	444521	50.077	ug/l	98
74) N-amyl acetate	10.842	43	176441	51.155	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	161617	54.062	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	134475m	51.703	ug/l	
77) Bromobenzene	11.195	156	111208	51.297	ug/l	93
78) n-propylbenzene	11.305	91	510343	51.631	ug/l	99
79) 2-Chlorotoluene	11.366	91	323031	51.141	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	392253	52.973	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47268	50.760	ug/l	87
82) 4-Chlorotoluene	11.451	91	368892	50.593	ug/l	98
83) tert-Butylbenzene	11.713	119	390276	55.265	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	395802	52.889	ug/l	98
85) sec-Butylbenzene	11.890	105	475291	57.621	ug/l	98
86) p-Isopropyltoluene	12.006	119	408468	57.524	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	212885	52.450	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	214302	51.104	ug/l	99
89) n-Butylbenzene	12.329	91	346064	58.783	ug/l	99
90) Hexachloroethane	12.536	117	74662	62.996	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	215124	54.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37936	54.614	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	132783	57.097	ug/l	98
94) Hexachlorobutadiene	13.725	225	54769	60.962	ug/l	99
95) Naphthalene	13.774	128	474876	46.616	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	134023	58.007	ug/l	98

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

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