

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037357.D
 Acq On : 29 Aug 2023 23:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 30 02:11:08 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 : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	133414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98624	51.276	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.560%			
35) Dibromofluoromethane	5.385	113	84496	53.903	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.800%			
50) Toluene-d8	8.647	98	298314	52.463	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.920%			
62) 4-Bromofluorobenzene	11.079	95	123760	55.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82097	52.974	ug/l	97
3) Chloromethane	1.300	50	80966	59.718	ug/l	98
4) Vinyl Chloride	1.374	62	83625	56.664	ug/l	100
5) Bromomethane	1.599	94	42986	58.475	ug/l	98
6) Chloroethane	1.672	64	46040	53.014	ug/l	97
7) Trichlorofluoromethane	1.880	101	126741	52.427	ug/l	99
8) Diethyl Ether	2.136	74	52719	56.366	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	71388	50.619	ug/l	97
10) Methyl Iodide	2.447	142	79825	46.571	ug/l	94
11) Tert butyl alcohol	2.971	59	120983	268.145	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	73011	53.162	ug/l	86
13) Acrolein	2.233	56	52904	154.133	ug/l	98
14) Allyl chloride	2.660	41	107269	50.462	ug/l #	88
15) Acrylonitrile	3.062	53	231641	287.642	ug/l	99
16) Acetone	2.380	43	192830	256.268	ug/l	90
17) Carbon Disulfide	2.508	76	173044	49.535	ug/l	98
18) Methyl Acetate	2.703	43	153052	54.022	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	279974	53.752	ug/l	97
20) Methylene Chloride	2.788	84	89921	53.438	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	81423	52.154	ug/l	86
22) Diisopropyl ether	3.763	45	235856	54.070	ug/l #	81
23) Vinyl Acetate	3.721	43	892174	266.902	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	147946	54.085	ug/l	97
25) 2-Butanone	4.556	43	305781	269.893	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	87830	35.953	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	99109	53.849	ug/l	85
28) Bromochloromethane	4.897	49	61403	50.250	ug/l #	72
29) Tetrahydrofuran	5.007	42	196310	271.699	ug/l #	82
30) Chloroform	5.092	83	163694	53.309	ug/l	97
31) Cyclohexane	5.470	56	113140	52.314	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	143104	52.006	ug/l	96
36) 1,1-Dichloropropene	5.690	75	109669	49.243	ug/l	97
37) Ethyl Acetate	4.714	43	116559	51.235	ug/l #	92
38) Carbon Tetrachloride	5.678	117	122650	50.698	ug/l	99
39) Methylcyclohexane	7.379	83	130650	55.836	ug/l	89
40) Benzene	6.037	78	342395	53.606	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	64439	54.487	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	125353	50.045	ug/l	94
43) Isopropyl Acetate	6.342	43	186839	51.730	ug/l #	90
44) Trichloroethene	7.129	130	91060	50.277	ug/l	92
45) 1,2-Dichloropropane	7.434	63	85671	54.397	ug/l	99
46) Dibromomethane	7.580	93	65810	53.043	ug/l	92
47) Bromodichloromethane	7.824	83	126840	53.375	ug/l	98
48) Methyl methacrylate	7.696	41	91246	51.803	ug/l #	83
49) 1,4-Dioxane	7.659	88	55539	1170.776	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	599450	273.323	ug/l	89
52) Toluene	8.720	92	225672	53.474	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	129748	51.278	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	138844	50.778	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	96395	56.094	ug/l	98
56) Ethyl methacrylate	9.116	69	149432	55.516	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	158534	54.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	340840	263.862	ug/l	92
59) 2-Hexanone	9.433	43	469442	280.724	ug/l	87
60) Dibromochloromethane	9.525	129	102563	56.057	ug/l	100
61) 1,2-Dibromoethane	9.610	107	104104	55.331	ug/l	100
64) Tetrachloroethene	9.275	164	75154	45.866	ug/l	98
65) Chlorobenzene	10.079	112	248620	52.371	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	94622	54.005	ug/l	99
67) Ethyl Benzene	10.195	91	436182	52.216	ug/l	99
68) m/p-Xylenes	10.299	106	340513	105.557	ug/l	97
69) o-Xylene	10.640	106	171393	53.852	ug/l	98
70) Styrene	10.652	104	289949	55.306	ug/l	96
71) Bromoform	10.799	173	76940	58.706	ug/l #	99
73) Isopropylbenzene	10.963	105	437220	50.543	ug/l	98
74) N-amyl acetate	10.841	43	170274	50.658	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	154840	53.150	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126439m	49.885	ug/l	
77) Bromobenzene	11.195	156	109645	51.899	ug/l	91
78) n-propylbenzene	11.305	91	495160	51.406	ug/l	99
79) 2-Chlorotoluene	11.366	91	313226	50.885	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	382374	52.990	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40898	45.069	ug/l	86
82) 4-Chlorotoluene	11.451	91	357141	50.262	ug/l	98
83) tert-Butylbenzene	11.713	119	378249	54.963	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	382135	52.399	ug/l	97
85) sec-Butylbenzene	11.890	105	459218	57.129	ug/l	99
86) p-Isopropyltoluene	12.006	119	396755	57.336	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	205691	52.003	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	205826	50.367	ug/l	99
89) n-Butylbenzene	12.335	91	323026	56.305	ug/l	99
90) Hexachloroethane	12.536	117	70637	61.159	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	207599	53.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36003	53.187	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	122801	54.186	ug/l	98
94) Hexachlorobutadiene	13.725	225	50349	57.508	ug/l	99
95) Naphthalene	13.774	128	461469	46.485	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	124919	55.481	ug/l	98

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

