

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038517.D
 Acq On : 26 Oct 2023 14:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 27 05:16:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

10/27/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	183487	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	289016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178141	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	128520	43.547	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.100%
35) Dibromofluoromethane	5.379	113	115476	55.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.900%
50) Toluene-d8	8.647	98	387493	48.693	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	167270	55.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.880%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	83792	47.310	ug/l	98
3) Chloromethane	1.294	50	80651	44.678	ug/l	99
4) Vinyl Chloride	1.374	62	86159	43.048	ug/l	98
5) Bromomethane	1.599	94	109318	41.442	ug/l	99
6) Chloroethane	1.678	64	60265	41.700	ug/l	97
7) Trichlorofluoromethane	1.880	101	160147	40.510	ug/l	97
8) Diethyl Ether	2.130	74	66436	45.060	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	91791	53.187	ug/l	92
10) Methyl Iodide	2.447	142	112527	45.316	ug/l	91
11) Tert butyl alcohol	2.959	59	186770	288.389	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	83989	50.030	ug/l	85
13) Acrolein	2.233	56	135639	323.293	ug/l	100
14) Allyl chloride	2.660	41	135267	45.048	ug/l #	94
15) Acrylonitrile	3.056	53	342392	254.934	ug/l	99
16) Acetone	2.373	43	333581	270.827	ug/l #	89
17) Carbon Disulfide	2.507	76	193183	39.926	ug/l	100
18) Methyl Acetate	2.696	43	281482	53.291	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	339879	50.835	ug/l	96
20) Methylene Chloride	2.788	84	111040	47.928	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	97549	46.931	ug/l	84
22) Diisopropyl ether	3.757	45	296436	47.104	ug/l #	83
23) Vinyl Acetate	3.715	43	1092474	236.716	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	174291	45.635	ug/l	98
25) 2-Butanone	4.544	43	484429	243.758	ug/l #	88
26) 2,2-Dichloropropane	4.471	77	135595	45.473	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	124124	50.141	ug/l	85
28) Bromochloromethane	4.891	49	76405	44.316	ug/l #	68
29) Tetrahydrofuran	4.995	42	298350	230.586	ug/l #	83
30) Chloroform	5.086	83	206370	49.413	ug/l	97
31) Cyclohexane	5.464	56	127411	39.847	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	166040	46.416	ug/l	96
36) 1,1-Dichloropropene	5.684	75	129674	45.154	ug/l	95
37) Ethyl Acetate	4.702	43	171677	50.336	ug/l	95
38) Carbon Tetrachloride	5.672	117	145017	51.332	ug/l	99
39) Methylcyclohexane	7.379	83	155543	46.241	ug/l	89
40) Benzene	6.031	78	409843	51.025	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	86795	51.156	ug/l #	84
42) 1,2-Dichloroethane	6.080	62	159895	49.824	ug/l	96
43) Isopropyl Acetate	6.330	43	260907	51.243	ug/l #	94
44) Trichloroethene	7.116	130	119587	56.923	ug/l	92
45) 1,2-Dichloropropane	7.427	63	107786	51.848	ug/l	98
46) Dibromomethane	7.574	93	90318	56.016	ug/l #	89
47) Bromodichloromethane	7.818	83	163540	57.016	ug/l	96
48) Methyl methacrylate	7.689	41	125860	51.781	ug/l #	83
49) 1,4-Dioxane	7.653	88	65896	1100.181	ug/l #	85
51) 4-Methyl-2-Pentanone	8.567	43	920151	262.008	ug/l	94
52) Toluene	8.714	92	274371	52.438	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	173076	56.214	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	181101	55.986	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	130420	58.275	ug/l	98
56) Ethyl methacrylate	9.116	69	193467	56.383	ug/l	88
57) 1,3-Dichloropropane	9.305	76	200400	55.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	392746	233.181	ug/l	94
59) 2-Hexanone	9.427	43	750794	265.925	ug/l	92
60) Dibromochloromethane	9.518	129	142340	64.985	ug/l	99
61) 1,2-Dibromoethane	9.610	107	141230	58.356	ug/l	99
64) Tetrachloroethene	9.275	164	103684	54.394	ug/l	93
65) Chlorobenzene	10.079	112	327831	53.206	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	125625	60.294	ug/l	99
67) Ethyl Benzene	10.195	91	545293	49.580	ug/l	97
68) m/p-Xylenes	10.299	106	433622	101.966	ug/l	96
69) o-Xylene	10.640	106	213789	51.509	ug/l	97
70) Styrene	10.652	104	372009	55.037	ug/l	95
71) Bromoform	10.799	173	114981	58.945	ug/l #	99
73) Isopropylbenzene	10.963	105	550137	46.049	ug/l	97
74) N-amyl acetate	10.841	43	235750	46.210	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	226484	51.665	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	204442m	50.482	ug/l	
77) Bromobenzene	11.195	156	157821	54.110	ug/l	83
78) n-propylbenzene	11.305	91	652113	44.642	ug/l	98
79) 2-Chlorotoluene	11.366	91	397037	45.831	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	487301	47.279	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	59955	43.775	ug/l	90
82) 4-Chlorotoluene	11.451	91	477360	46.566	ug/l	93
83) tert-Butylbenzene	11.713	119	484865	48.144	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	499485	48.605	ug/l	97
85) sec-Butylbenzene	11.890	105	599487	45.952	ug/l	97
86) p-Isopropyltoluene	12.006	119	520451	48.353	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	302528	51.641	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	310580	51.929	ug/l	97
89) n-Butylbenzene	12.335	91	467016	43.567	ug/l	97
90) Hexachloroethane	12.536	117	87683	49.133	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	301599	53.559	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	52590	49.618	ug/l	70
93) 1,2,4-Trichlorobenzene	13.585	180	209414	55.446	ug/l	96
94) Hexachlorobutadiene	13.725	225	77633	51.069	ug/l	99
95) Naphthalene	13.774	128	657997	50.027	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207205	56.659	ug/l	97

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

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