

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038718.D
 Acq On : 10 Nov 2023 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 01:49:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	306040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	459640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180695	47.425	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.860%		
35) Dibromofluoromethane	5.385	113	168637	50.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.880%		
50) Toluene-d8	8.647	98	595210	50.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.500%		
62) 4-Bromofluorobenzene	11.079	95	239625	52.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	164612	51.794	ug/l	99
3) Chloromethane	1.295	50	124706	45.397	ug/l	97
4) Vinyl Chloride	1.374	62	143801	49.173	ug/l	98
5) Bromomethane	1.599	94	103940	46.049	ug/l	98
6) Chloroethane	1.685	64	89485	48.327	ug/l	95
7) Trichlorofluoromethane	1.886	101	266374	52.834	ug/l	99
8) Diethyl Ether	2.130	74	84775	48.983	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	155668	52.219	ug/l	89
10) Methyl Iodide	2.453	142	200755	54.529	ug/l	91
11) Tert butyl alcohol	2.959	59	189384	243.148	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	143326	50.182	ug/l #	79
13) Acrolein	2.233	56	130210	220.570	ug/l	99
14) Allyl chloride	2.660	41	193824	47.380	ug/l #	93
15) Acrylonitrile	3.062	53	406284	247.167	ug/l	99
16) Acetone	2.374	43	481068	299.802	ug/l	90
17) Carbon Disulfide	2.508	76	357195	47.067	ug/l	100
18) Methyl Acetate	2.703	43	331685	48.518	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	457860	50.130	ug/l	96
20) Methylene Chloride	2.788	84	157721	48.759	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	155992	50.168	ug/l #	81
22) Diisopropyl ether	3.757	45	379252	49.189	ug/l #	87
23) Vinyl Acetate	3.721	43	1366115	249.632	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	249020	48.818	ug/l	98
25) 2-Butanone	4.550	43	605434	260.459	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	219610	49.308	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	179536	50.001	ug/l	84
28) Bromochloromethane	4.898	49	117679	51.334	ug/l #	52
29) Tetrahydrofuran	4.995	42	345736	239.059	ug/l #	79
30) Chloroform	5.093	83	289007	48.288	ug/l	96
31) Cyclohexane	5.464	56	206910	49.068	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	265756	50.456	ug/l	95
36) 1,1-Dichloropropene	5.690	75	208412	50.681	ug/l	94
37) Ethyl Acetate	4.709	43	202691	48.277	ug/l #	93
38) Carbon Tetrachloride	5.678	117	239867	52.177	ug/l	98
39) Methylcyclohexane	7.379	83	264522	51.449	ug/l	88
40) Benzene	6.038	78	595209	50.252	ug/l	100

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41) Methacrylonitrile	4.916	41	106499	49.789	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	215065	50.323	ug/l	95
43) Isopropyl Acetate	6.336	43	312890	48.474	ug/l #	91
44) Trichloroethene	7.123	130	189783	51.498	ug/l	90
45) 1,2-Dichloropropane	7.428	63	144094	50.325	ug/l	100
46) Dibromomethane	7.580	93	120088	50.151	ug/l #	85
47) Bromodichloromethane	7.818	83	224105	49.765	ug/l	99
48) Methyl methacrylate	7.690	41	155262	49.912	ug/l #	84
49) 1,4-Dioxane	7.653	88	77148	1089.423	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	1055127	250.892	ug/l	91
52) Toluene	8.714	92	399522	51.491	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	238181	51.951	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	251693	52.003	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	170801	51.881	ug/l	98
56) Ethyl methacrylate	9.116	69	244935	53.176	ug/l #	83
57) 1,3-Dichloropropane	9.305	76	263081	51.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	575021	253.908	ug/l #	89
59) 2-Hexanone	9.427	43	870261	255.746	ug/l	88
60) Dibromochloromethane	9.519	129	194727	52.691	ug/l	100
61) 1,2-Dibromoethane	9.610	107	192432	52.009	ug/l	100
64) Tetrachloroethene	9.275	164	166063	50.237	ug/l	95
65) Chlorobenzene	10.080	112	470180	52.302	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	178666	52.868	ug/l	99
67) Ethyl Benzene	10.195	91	794853	52.271	ug/l	97
68) m/p-Xylenes	10.299	106	638810	105.848	ug/l	94
69) o-Xylene	10.640	106	309461	52.728	ug/l	96
70) Styrene	10.653	104	519104	53.592	ug/l	95
71) Bromoform	10.799	173	158494	53.135	ug/l #	99
73) Isopropylbenzene	10.964	105	818478	50.930	ug/l	97
74) N-amyl acetate	10.842	43	277001	49.608	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	274033	49.324	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	260532m	50.219	ug/l	
77) Bromobenzene	11.195	156	221103	50.131	ug/l	81
78) n-propylbenzene	11.305	91	953732	50.999	ug/l	97
79) 2-Chlorotoluene	11.366	91	563972	50.371	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	713806	51.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79927	48.368	ug/l	84
82) 4-Chlorotoluene	11.451	91	666161	50.930	ug/l	92
83) tert-Butylbenzene	11.713	119	718418	51.261	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	719651	52.460	ug/l	96
85) sec-Butylbenzene	11.890	105	896481	51.264	ug/l	96
86) p-Isopropyltoluene	12.006	119	782037	52.496	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	426587	50.589	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	432764	49.930	ug/l	97
89) n-Butylbenzene	12.329	91	685491	51.709	ug/l	96
90) Hexachloroethane	12.536	117	132894	52.665	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	423791	51.461	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	69920	50.074	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	311178	52.830	ug/l	97
94) Hexachlorobutadiene	13.725	225	134004	52.723	ug/l	99
95) Naphthalene	13.774	128	931945	52.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	296284	51.033	ug/l	97

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

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