

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033816.D
 Acq On : 20 Jan 2023 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 21 04:36:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/23/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265298	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123948	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	89868	45.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.280%
35) Dibromofluoromethane	5.379	113	82894	50.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.640%
50) Toluene-d8	8.647	98	297322	49.535	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.079	95	110070	49.392	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	69788	46.700	ug/l	97
3) Chloromethane	1.294	50	79919	48.416	ug/l	96
4) Vinyl Chloride	1.374	62	79819	49.826	ug/l	99
5) Bromomethane	1.617	94	52276	56.796	ug/l	99
6) Chloroethane	1.691	64	45322	45.762	ug/l	99
7) Trichlorofluoromethane	1.886	101	120887	46.533	ug/l	99
8) Diethyl Ether	2.130	74	50704	59.608	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	77991	52.063	ug/l	94
10) Methyl Iodide	2.453	142	101926	48.526	ug/l	92
11) Tert butyl alcohol	3.020	59	80824	233.671	ug/l	100
12) 1,1-Dichloroethene	2.319	96	72884	47.368	ug/l	90
13) Acrolein	2.239	56	65206	204.319	ug/l	100
14) Allyl chloride	2.666	41	134275	46.268	ug/l	89
15) Acrylonitrile	3.068	53	218949	240.523	ug/l	98
16) Acetone	2.398	43	203072	282.242	ug/l	91
17) Carbon Disulfide	2.514	76	175456	45.238	ug/l	99
18) Methyl Acetate	2.703	43	133300	47.971	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	259486	48.555	ug/l	100
20) Methylene Chloride	2.788	84	87589	50.625	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	80996	45.028	ug/l	96
22) Diisopropyl ether	3.751	45	268366	45.960	ug/l	89
23) Vinyl Acetate	3.721	43	1060770	241.323	ug/l	99
24) 1,1-Dichloroethane	3.605	63	144803	45.327	ug/l	99
25) 2-Butanone	4.562	43	304505	234.065	ug/l	96
26) 2,2-Dichloropropane	4.471	77	108458	47.396	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	94807	45.844	ug/l	98
28) Bromochloromethane	4.891	49	65934	45.310	ug/l	96
29) Tetrahydrofuran	5.007	42	187986	229.269	ug/l	98
30) Chloroform	5.086	83	149002	45.539	ug/l	100
31) Cyclohexane	5.464	56	131213	44.784	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	127377	45.596	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109796	45.668	ug/l	99
37) Ethyl Acetate	4.708	43	118464	51.738	ug/l	99
38) Carbon Tetrachloride	5.672	117	115508	46.387	ug/l	100
39) Methylcyclohexane	7.379	83	141520	47.665	ug/l	97
40) Benzene	6.031	78	327870	46.786	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67597	51.020	ug/l	98
42) 1,2-Dichloroethane	6.080	62	113646	45.761	ug/l	99
43) Isopropyl Acetate	6.336	43	186174	49.051	ug/l	98
44) Trichloroethene	7.123	130	97441	49.724	ug/l	96
45) 1,2-Dichloropropane	7.427	63	85997	48.987	ug/l	100
46) Dibromomethane	7.580	93	59360	48.410	ug/l	96
47) Bromodichloromethane	7.818	83	115140	48.724	ug/l	98
48) Methyl methacrylate	7.690	41	94857	49.612	ug/l	97
49) 1,4-Dioxane	7.726	88	42748	1010.778	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	576554	247.339	ug/l	99
52) Toluene	8.714	92	216723	47.889	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	122947	52.025	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	136095	51.395	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	88897	49.625	ug/l	98
56) Ethyl methacrylate	9.116	69	134296	53.270	ug/l	97
57) 1,3-Dichloropropane	9.305	76	145708	50.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	312046	251.328	ug/l	98
59) 2-Hexanone	9.427	43	426741	263.025	ug/l	99
60) Dibromochloromethane	9.518	129	98818	53.209	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94034	52.598	ug/l	99
64) Tetrachloroethene	9.275	164	88574	53.080	ug/l	97
65) Chlorobenzene	10.079	112	241472	49.127	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	91702	50.694	ug/l	99
67) Ethyl Benzene	10.195	91	413276	48.970	ug/l	100
68) m/p-Xylenes	10.299	106	327783	99.301	ug/l	99
69) o-Xylene	10.640	106	161189	49.240	ug/l	99
70) Styrene	10.652	104	270372	50.785	ug/l	100
71) Bromoform	10.799	173	77217	50.941	ug/l #	100
73) Isopropylbenzene	10.963	105	419651	51.529	ug/l	99
74) N-amyl acetate	10.841	43	158254	48.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	126120	53.097	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	102054m	44.812	ug/l	
77) Bromobenzene	11.195	156	113102	51.458	ug/l	99
78) n-propylbenzene	11.305	91	471339	46.602	ug/l	99
79) 2-Chlorotoluene	11.366	91	277174	50.774	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	347479	46.589	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	37327	50.940	ug/l	97
82) 4-Chlorotoluene	11.451	91	318560	51.000	ug/l	98
83) tert-Butylbenzene	11.713	119	355757	48.040	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	347340	49.232	ug/l	99
85) sec-Butylbenzene	11.890	105	437797	49.426	ug/l	99
86) p-Isopropyltoluene	12.012	119	381623	50.324	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	206206	49.236	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	207899	48.730	ug/l	99
89) n-Butylbenzene	12.335	91	310502	50.049	ug/l	99
90) Hexachloroethane	12.536	117	61226	49.082	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	200868	49.703	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25108	49.642	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	145842	53.574	ug/l	99
94) Hexachlorobutadiene	13.725	225	68212	51.152	ug/l	98
95) Naphthalene	13.774	128	409581	52.296	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	141217	51.843	ug/l	100

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

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