

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013615.D
 Acq On : 26 Nov 2019 22:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:45:43 PM

Quant Time: Nov 27 04:37:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1046555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	942864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	480409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	372695	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	5.49	113	312152	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	1198682	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.14	95	428226	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	398320	52.092	ug/l	99
3) Chloromethane	1.32	50	430827	50.214	ug/l	100
4) Vinyl Chloride	1.40	62	493709	51.125	ug/l	98
5) Bromomethane	1.63	94	312646	48.209	ug/l	99
6) Chloroethane	1.71	64	262271	47.727	ug/l	97
7) Trichlorofluoromethane	1.92	101	525486	49.005	ug/l	97
8) Diethyl Ether	2.18	74	238089	49.078	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	316134	48.267	ug/l	98
10) Methyl Iodide	2.50	142	398778	50.332	ug/l	99
11) Tert butyl alcohol	3.03	59	488110	247.985	ug/l	100
12) 1,1-Dichloroethene	2.36	96	323878	49.540	ug/l	98
13) Acrolein	2.28	56	304850	232.030	ug/l	99
14) Allyl chloride	2.72	41	578580	48.766	ug/l	100
15) Acrylonitrile	3.13	53	1023046	251.800	ug/l	100
16) Acetone	2.43	43	898379	228.189	ug/l	99
17) Carbon Disulfide	2.56	76	873658	46.877	ug/l	98
18) Methyl Acetate	2.76	43	576296	52.567	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1088119	50.241	ug/l	98
20) Methylene Chloride	2.84	84	365498	48.323	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	346244	48.615	ug/l	99
22) Diisopropyl ether	3.84	45	1129206	49.428	ug/l	99
23) Vinyl Acetate	3.80	43	4749561	249.912	ug/l	100
24) 1,1-Dichloroethane	3.69	63	615141	49.256	ug/l	99
25) 2-Butanone	4.66	43	1462114	249.886	ug/l	98
26) 2,2-Dichloropropane	4.57	77	467473	45.242	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	392305	47.964	ug/l	99
28) Bromochloromethane	5.00	49	243041	49.245	ug/l	100
29) Tetrahydrofuran	5.11	42	943043	261.446	ug/l	99
30) Chloroform	5.20	83	609188	48.098	ug/l	99
31) Cyclohexane	5.57	56	563805	47.864	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	523122	49.425	ug/l	99
36) 1,1-Dichloropropene	5.79	75	462974	48.734	ug/l	99
37) Ethyl Acetate	4.82	43	556379	52.205	ug/l	99
38) Carbon Tetrachloride	5.78	117	447743	51.113	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	572589	48.760	ug/l	98
40) Benzene	6.14	78	1419431	49.057	ug/l	100
41) Methacrylonitrile	5.03	41	308510	52.783	ug/l	99
42) 1,2-Dichloroethane	6.19	62	488469	49.502	ug/l	99
43) Isopropyl Acetate	6.43	43	902761	51.451	ug/l	99
44) Trichloroethene	7.21	130	383009	48.233	ug/l	94
45) 1,2-Dichloropropane	7.51	63	362007	50.006	ug/l	97
46) Dibromomethane	7.65	93	240032	48.820	ug/l	100
47) Bromodichloromethane	7.89	83	464442	49.968	ug/l	99
48) Methyl methacrylate	7.76	41	444418	52.130	ug/l	99
49) 1,4-Dioxane	7.73	88	200150	1048.866	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2846108	257.875	ug/l	100
52) Toluene	8.78	92	888895	49.452	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	528477	49.951	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	583318	50.466	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	363162	50.136	ug/l	97
56) Ethyl methacrylate	9.17	69	608015	52.209	ug/l	99
57) 1,3-Dichloropropane	9.37	76	610413	48.889	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1156696	253.325	ug/l	100
59) 2-Hexanone	9.49	43	2216908	257.545	ug/l	100
60) Dibromochloromethane	9.58	129	388139	51.632	ug/l	100
61) 1,2-Dibromoethane	9.67	107	382260	49.410	ug/l	99
64) Tetrachloroethene	9.33	164	346127	49.227	ug/l	98
65) Chlorobenzene	10.14	112	960065	49.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	361938	51.489	ug/l	99
67) Ethyl Benzene	10.25	91	1698731	50.499	ug/l	99
68) m/p-Xylenes	10.36	106	1303910	101.245	ug/l	99
69) o-Xylene	10.70	106	628921	50.071	ug/l	98
70) Styrene	10.71	104	1092354	51.699	ug/l	99
71) Bromoform	10.85	173	302005	51.924	ug/l #	99
73) Isopropylbenzene	11.01	105	1651904	49.020	ug/l	100
74) N-amyl acetate	10.89	43	789560	51.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	587658	50.285	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	464123m	42.953	ug/l	
77) Bromobenzene	11.25	156	443665	48.734	ug/l	99
78) n-propylbenzene	11.35	91	1863462	49.536	ug/l	99
79) 2-Chlorotoluene	11.42	91	1106456	49.032	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1384791	50.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	196683	49.799	ug/l	98
82) 4-Chlorotoluene	11.51	91	1268309	48.526	ug/l	100
83) tert-Butylbenzene	11.77	119	1400910	49.909	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1406041	50.161	ug/l	99
85) sec-Butylbenzene	11.94	105	1588575	49.548	ug/l	100
86) p-Isopropyltoluene	12.06	119	1489142	49.927	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	769615	48.496	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	765814	47.377	ug/l	99
89) n-Butylbenzene	12.39	91	1275386	50.135	ug/l	100
90) Hexachloroethane	12.59	117	264623	49.084	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	769392	49.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	131071	51.503	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	533422	48.814	ug/l	99
94) Hexachlorobutadiene	13.78	225	241622	46.028	ug/l	98
95) Naphthalene	13.83	128	1720661	52.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	539924	49.902	ug/l	100

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

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