

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013667.D
 Acq On : 27 Nov 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:18:01 PM

Quant Time: Nov 28 04:29:36 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	643963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1017501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	916088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453108	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	368353	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	304928	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.71	98	1185389	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	426687	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	376115	52.474	ug/l	99
3) Chloromethane	1.32	50	411192	51.127	ug/l	99
4) Vinyl Chloride	1.40	62	478848	52.899	ug/l	99
5) Bromomethane	1.63	94	280665	46.168	ug/l	100
6) Chloroethane	1.71	64	262264	50.914	ug/l	99
7) Trichlorofluoromethane	1.92	101	510604	50.798	ug/l	99
8) Diethyl Ether	2.18	74	236049	51.908	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	308306	50.216	ug/l	98
10) Methyl Iodide	2.50	142	352766	47.498	ug/l	100
11) Tert butyl alcohol	3.03	59	412285	223.453	ug/l	99
12) 1,1-Dichloroethene	2.36	96	313940	51.227	ug/l	99
13) Acrolein	2.28	56	266881	217.096	ug/l	99
14) Allyl chloride	2.72	41	559177	50.279	ug/l	99
15) Acrylonitrile	3.13	53	978816	257.006	ug/l	99
16) Acetone	2.43	43	849846	230.281	ug/l	99
17) Carbon Disulfide	2.56	76	830873	47.559	ug/l	99
18) Methyl Acetate	2.77	43	550200	53.539	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	1049516	51.695	ug/l	98
20) Methylene Chloride	2.85	84	356017	50.214	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	336010	50.329	ug/l	99
22) Diisopropyl ether	3.84	45	1115881	52.108	ug/l	97
23) Vinyl Acetate	3.80	43	4643725	260.665	ug/l	100
24) 1,1-Dichloroethane	3.69	63	608925	52.015	ug/l	99
25) 2-Butanone	4.66	43	1369082	249.616	ug/l	99
26) 2,2-Dichloropropane	4.57	77	440920	45.522	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	383016	49.957	ug/l	98
28) Bromochloromethane	5.00	49	255864	55.308	ug/l	98
29) Tetrahydrofuran	5.12	42	878841	259.921	ug/l	99
30) Chloroform	5.20	83	591829	49.849	ug/l	97
31) Cyclohexane	5.57	56	547835	49.614	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	499198	50.315	ug/l	100
36) 1,1-Dichloropropene	5.79	75	456877	49.465	ug/l	100
37) Ethyl Acetate	4.82	43	528998	51.053	ug/l	100
38) Carbon Tetrachloride	5.78	117	428161	50.273	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	543888	47.638	ug/l	100
40) Benzene	6.14	78	1392602	49.504	ug/l	100
41) Methacrylonitrile	5.03	41	293684	51.681	ug/l	98
42) 1,2-Dichloroethane	6.19	62	479405	49.970	ug/l	99
43) Isopropyl Acetate	6.44	43	857524	50.269	ug/l	99
44) Trichloroethene	7.20	130	370646	48.008	ug/l	98
45) 1,2-Dichloropropane	7.51	63	357610	50.809	ug/l	96
46) Dibromomethane	7.65	93	233881	48.927	ug/l	100
47) Bromodichloromethane	7.89	83	463295	51.267	ug/l	99
48) Methyl methacrylate	7.76	41	426103	51.409	ug/l	98
49) 1,4-Dioxane	7.73	88	167480	902.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2718357	253.333	ug/l	100
52) Toluene	8.78	92	868457	49.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	506810	49.271	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	564786	50.258	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	355248	50.443	ug/l	99
56) Ethyl methacrylate	9.17	69	582338	51.432	ug/l	98
57) 1,3-Dichloropropane	9.37	76	603226	49.693	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1106995	249.363	ug/l	100
59) 2-Hexanone	9.49	43	2058129	245.926	ug/l	99
60) Dibromochloromethane	9.58	129	375889	51.431	ug/l	100
61) 1,2-Dibromoethane	9.67	107	372643	49.542	ug/l	100
64) Tetrachloroethene	9.33	164	340346	49.819	ug/l	99
65) Chlorobenzene	10.14	112	936641	49.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	348214	50.984	ug/l	100
67) Ethyl Benzene	10.25	91	1649013	50.454	ug/l	99
68) m/p-Xylenes	10.36	106	1259284	100.638	ug/l	100
69) o-Xylene	10.70	106	614833	50.380	ug/l	99
70) Styrene	10.71	104	1057888	51.531	ug/l	99
71) Bromoform	10.86	173	292166	51.700	ug/l #	99
73) Isopropylbenzene	11.01	105	1607095	50.563	ug/l	99
74) N-amyl acetate	10.89	43	760228	52.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	565407	51.296	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	443721m	43.540	ug/l	
77) Bromobenzene	11.25	156	424915	49.486	ug/l	99
78) n-propylbenzene	11.35	91	1822472	51.365	ug/l	100
79) 2-Chlorotoluene	11.42	91	1077000	50.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1349444	51.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	183262	49.197	ug/l	99
82) 4-Chlorotoluene	11.51	91	1240290	50.314	ug/l	99
83) tert-Butylbenzene	11.76	119	1356457	51.237	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1354642	51.239	ug/l	99
85) sec-Butylbenzene	11.94	105	1550251	51.266	ug/l	100
86) p-Isopropyltoluene	12.06	119	1418816	50.435	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	742075	49.579	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	735326	48.232	ug/l	98
89) n-Butylbenzene	12.39	91	1226573	51.121	ug/l	99
90) Hexachloroethane	12.59	117	253488	49.852	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	739093	49.977	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	122050	50.848	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	499898	48.503	ug/l	98
94) Hexachlorobutadiene	13.78	225	234805	47.425	ug/l	99
95) Naphthalene	13.83	128	1607018	52.357	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	516881	50.651	ug/l	100

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

