

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081619\
 Data File : VX011571.D
 Acq On : 16 Aug 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:29:44 AM

Quant Time: Aug 19 01:23:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	551256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	498347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	185822	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.49	113	178389	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.71	98	577689	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	11.13	95	242314	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	237945	58.713	ug/l	99
3) Chloromethane	1.32	50	195997	46.564	ug/l	98
4) Vinyl Chloride	1.40	62	197653	51.982	ug/l	97
5) Bromomethane	1.63	94	94302	55.350	ug/l	98
6) Chloroethane	1.71	64	95360	52.990	ug/l	100
7) Trichlorofluoromethane	1.92	101	281864	53.519	ug/l	97
8) Diethyl Ether	2.18	74	93748	51.891	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	191203	52.562	ug/l	99
10) Methyl Iodide	2.50	142	286407	55.269	ug/l	99
11) Tert butyl alcohol	3.04	59	230125	245.331	ug/l	98
12) 1,1-Dichloroethene	2.36	96	178378	50.741	ug/l	100
13) Acrolein	2.29	56	90327	309.888	ug/l	98
14) Allyl chloride	2.72	41	306492	52.410	ug/l	99
15) Acrylonitrile	3.14	53	534720	249.073	ug/l	100
16) Acetone	2.43	43	466195	242.490	ug/l	100
17) Carbon Disulfide	2.56	76	438837	52.976	ug/l	98
18) Methyl Acetate	2.76	43	298607	50.081	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	598063	52.235	ug/l	100
20) Methylene Chloride	2.85	84	195399	48.407	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	191007	51.272	ug/l	97
22) Diisopropyl ether	3.84	45	602531	51.736	ug/l	95
23) Vinyl Acetate	3.81	43	2448815	265.532	ug/l	99
24) 1,1-Dichloroethane	3.68	63	334812	50.848	ug/l	99
25) 2-Butanone	4.66	43	743672	246.395	ug/l	97
26) 2,2-Dichloropropane	4.57	77	285233	57.555	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	220662	50.810	ug/l	98
28) Bromochloromethane	5.00	49	151522	52.420	ug/l	99
29) Tetrahydrofuran	5.12	42	484440	244.684	ug/l	100
30) Chloroform	5.20	83	352811	50.771	ug/l	97
31) Cyclohexane	5.57	56	308060	54.338	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	318518	53.307	ug/l	99
36) 1,1-Dichloropropene	5.79	75	259339	55.024	ug/l	99
37) Ethyl Acetate	4.82	43	276754	51.052	ug/l	99
38) Carbon Tetrachloride	5.77	117	283020	54.504	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	331520	56.958	ug/l	99
40) Benzene	6.13	78	766730	52.349	ug/l	100
41) Methacrylonitrile	5.02	41	157065	52.643	ug/l	99
42) 1,2-Dichloroethane	6.18	62	271646	53.531	ug/l	99
43) Isopropyl Acetate	6.43	43	445017	52.601	ug/l	100
44) Trichloroethene	7.21	130	235335	54.163	ug/l	99
45) 1,2-Dichloropropane	7.51	63	198169	54.252	ug/l	99
46) Dibromomethane	7.65	93	136108	51.276	ug/l	100
47) Bromodichloromethane	7.89	83	267168	54.817	ug/l	99
48) Methyl methacrylate	7.76	41	225695	53.870	ug/l	100
49) 1,4-Dioxane	7.73	88	113198	1015.834	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1441313	260.281	ug/l	100
52) Toluene	8.78	92	495156	53.065	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	292937	57.913	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	319790	57.770	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	207166	52.208	ug/l	99
56) Ethyl methacrylate	9.17	69	317768	55.098	ug/l	100
57) 1,3-Dichloropropane	9.37	76	333589	52.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	740758	257.775	ug/l	99
59) 2-Hexanone	9.49	43	1110040	259.944	ug/l	99
60) Dibromochloromethane	9.58	129	238571	57.705	ug/l	100
61) 1,2-Dibromoethane	9.67	107	224631	53.043	ug/l	100
64) Tetrachloroethene	9.33	164	222995	54.537	ug/l	98
65) Chlorobenzene	10.13	112	567613	53.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	220873	55.595	ug/l	99
67) Ethyl Benzene	10.25	91	970982	54.736	ug/l	100
68) m/p-Xylenes	10.35	106	758403	111.378	ug/l	98
69) o-Xylene	10.69	106	366911	55.010	ug/l	98
70) Styrene	10.71	104	633395	56.411	ug/l	99
71) Bromoform	10.85	173	192960	49.982	ug/l #	100
73) Isopropylbenzene	11.02	105	992229	55.295	ug/l	100
74) N-amyl acetate	10.90	43	405826	53.218	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	319033	51.683	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	277292m	52.880	ug/l	
77) Bromobenzene	11.25	156	285935	53.559	ug/l	99
78) n-propylbenzene	11.36	91	1109892	57.361	ug/l	100
79) 2-Chlorotoluene	11.41	91	651043	54.795	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	851326	56.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101379	52.159	ug/l	97
82) 4-Chlorotoluene	11.51	91	764158	55.437	ug/l	100
83) tert-Butylbenzene	11.77	119	864802	56.330	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	856600	56.605	ug/l	100
85) sec-Butylbenzene	11.94	105	993290	57.346	ug/l	100
86) p-Isopropyltoluene	12.06	119	958069	58.795	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	503405	54.858	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	508628	54.687	ug/l	99
89) n-Butylbenzene	12.38	91	797856	59.556	ug/l	100
90) Hexachloroethane	12.59	117	148582	57.741	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	502881	54.592	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72339	51.223	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	390544	56.901	ug/l	99
94) Hexachlorobutadiene	13.78	225	216747	57.995	ug/l	99
95) Naphthalene	13.83	128	1096626	56.517	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	395224	57.090	ug/l	99

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

