

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013770.D
 Acq On : 05 Dec 2019 12:30
 Operator : JC/SP
 Sample : VX1205WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS02

Manual Integrations
 APPROVED

apatel
 12/6/2019 9:36:07 AM

Quant Time: Dec 06 02:46:21 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	645686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	979976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	340016	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	5.49	113	285272	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	8.71	98	1090649	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	11.14	95	380451	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	134578	18.726	ug/l	98
3) Chloromethane	1.32	50	144299	17.894	ug/l	100
4) Vinyl Chloride	1.40	62	174115	19.183	ug/l	98
5) Bromomethane	1.63	94	97552	16.004	ug/l	95
6) Chloroethane	1.72	64	97467	18.871	ug/l	95
7) Trichlorofluoromethane	1.92	101	190887	18.940	ug/l	99
8) Diethyl Ether	2.18	74	87008	19.082	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116441	18.915	ug/l	98
10) Methyl Iodide	2.50	142	123616	16.600	ug/l	98
11) Tert butyl alcohol	3.03	59	153586	83.020	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115788	18.843	ug/l	97
13) Acrolein	2.28	56	106170	89.756	ug/l	97
14) Allyl chloride	2.72	41	204307	18.321	ug/l	98
15) Acrylonitrile	3.13	53	357123	93.519	ug/l	99
16) Acetone	2.43	43	348338	94.136	ug/l	100
17) Carbon Disulfide	2.56	76	303342	17.317	ug/l	100
18) Methyl Acetate	2.76	43	205210	19.915	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	395725	19.440	ug/l	99
20) Methylene Chloride	2.85	84	134911	18.977	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	122436	18.290	ug/l	98
22) Diisopropyl ether	3.84	45	417950	19.465	ug/l	96
23) Vinyl Acetate	3.80	43	1701814	95.272	ug/l	100
24) 1,1-Dichloroethane	3.69	63	228829	19.495	ug/l	99
25) 2-Butanone	4.66	43	520626	94.669	ug/l	99
26) 2,2-Dichloropropane	4.57	77	183278	18.872	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	144268	18.767	ug/l	98
28) Bromochloromethane	5.00	49	96418	20.779	ug/l	98
29) Tetrahydrofuran	5.11	42	321763	94.909	ug/l	99
30) Chloroform	5.20	83	223117	18.743	ug/l	97
31) Cyclohexane	5.57	56	199423	18.012	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	193322	19.433	ug/l	99
36) 1,1-Dichloropropene	5.79	75	165470	18.601	ug/l	99
37) Ethyl Acetate	4.82	43	192561	19.295	ug/l	100
38) Carbon Tetrachloride	5.78	117	161624	19.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205293	18.670	ug/l	96
40) Benzene	6.14	78	512802	18.927	ug/l	99
41) Methacrylonitrile	5.03	41	107299	19.605	ug/l	98
42) 1,2-Dichloroethane	6.18	62	180326	19.516	ug/l	99
43) Isopropyl Acetate	6.43	43	311177	18.940	ug/l	99
44) Trichloroethene	7.21	130	138846	18.673	ug/l	98
45) 1,2-Dichloropropane	7.51	63	135592	20.003	ug/l	94
46) Dibromomethane	7.65	93	85639	18.601	ug/l	98
47) Bromodichloromethane	7.89	83	170692	19.612	ug/l	98
48) Methyl methacrylate	7.76	41	154998	19.417	ug/l	97
49) 1,4-Dioxane	7.73	88	62209	348.148	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	991717	95.960	ug/l	99
52) Toluene	8.78	92	325269	19.325	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185476	18.722	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	206111	19.043	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134979	19.900	ug/l	99
56) Ethyl methacrylate	9.17	69	213821	19.608	ug/l	98
57) 1,3-Dichloropropane	9.37	76	222582	19.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	375787	87.892	ug/l	100
59) 2-Hexanone	9.48	43	763714	94.751	ug/l	99
60) Dibromochloromethane	9.57	129	136520	19.394	ug/l	98
61) 1,2-Dibromoethane	9.67	107	140009	19.327	ug/l	99
64) Tetrachloroethene	9.33	164	128751	19.795	ug/l	99
65) Chlorobenzene	10.14	112	346528	19.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129229	19.874	ug/l	99
67) Ethyl Benzene	10.25	91	608968	19.571	ug/l	98
68) m/p-Xylenes	10.35	106	458684	38.502	ug/l	98
69) o-Xylene	10.70	106	226327	19.479	ug/l	100
70) Styrene	10.71	104	383979	19.646	ug/l	99
71) Bromoform	10.85	173	105409	19.592	ug/l #	99
73) Isopropylbenzene	11.01	105	596701	20.191	ug/l	100
74) N-amyl acetate	10.89	43	266705	19.701	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	206810	20.179	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	189680m	20.018	ug/l	
77) Bromobenzene	11.25	156	159224	19.944	ug/l	99
78) n-propylbenzene	11.35	91	666623	20.207	ug/l	100
79) 2-Chlorotoluene	11.42	91	398675	20.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	494487	20.416	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64227	18.544	ug/l	98
82) 4-Chlorotoluene	11.51	91	454504	19.830	ug/l	99
83) tert-Butylbenzene	11.77	119	503892	20.471	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497405	20.235	ug/l	100
85) sec-Butylbenzene	11.94	105	571957	20.343	ug/l	100
86) p-Isopropyltoluene	12.06	119	520878	19.914	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274806	19.746	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	272487	19.223	ug/l	99
89) n-Butylbenzene	12.38	91	433596	19.436	ug/l	99
90) Hexachloroethane	12.59	117	91573	19.369	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	276674	20.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43211	19.362	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	180520	18.838	ug/l	100
94) Hexachlorobutadiene	13.77	225	87266	18.957	ug/l	99
95) Naphthalene	13.83	128	569344	19.950	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	185439	19.544	ug/l	98

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

