

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008117.D
 Acq On : 15 Mar 2019 20:23
 Operator : JC/SP
 Sample : VX0315WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 10:33:28 AM

Quant Time: Mar 16 01:49:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123649	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	5.51	113	114501	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.71	98	427453	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.13	95	147437	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35180	16.724	ug/l	97
3) Chloromethane	1.33	50	32195	12.999	ug/l	100
4) Vinyl Chloride	1.41	62	34014	14.393	ug/l	99
5) Bromomethane	1.64	94	21168	17.420	ug/l	99
6) Chloroethane	1.73	64	20932	15.983	ug/l	100
7) Trichlorofluoromethane	1.93	101	47036	16.583	ug/l	99
8) Diethyl Ether	2.19	74	25107	17.807	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37333	17.611	ug/l	94
10) Methyl Iodide	2.51	142	55945	18.891	ug/l	97
11) Tert butyl alcohol	3.07	59	49138	95.946	ug/l	99
12) 1,1-Dichloroethene	2.38	96	36421	18.178	ug/l	89
13) Acrolein	2.30	56	34429	72.982	ug/l	100
14) Allyl chloride	2.73	41	61105	16.744	ug/l	96
15) Acrylonitrile	3.15	53	112579	90.147	ug/l	99
16) Acetone	2.45	43	95575	76.370	ug/l	96
17) Carbon Disulfide	2.57	76	100573	17.482	ug/l	99
18) Methyl Acetate	2.78	43	51985	19.219	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	120929	17.851	ug/l	97
20) Methylene Chloride	2.86	84	39356	17.608	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	38744	17.947	ug/l	90
22) Diisopropyl ether	3.88	45	127021	17.514	ug/l	93
23) Vinyl Acetate	3.82	43	540050	87.556	ug/l	96
24) 1,1-Dichloroethane	3.70	63	71533	17.993	ug/l	98
25) 2-Butanone	4.70	43	162767	84.733	ug/l	93
26) 2,2-Dichloropropane	4.59	77	47415	15.611	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	45894	17.884	ug/l	93
28) Bromochloromethane	5.01	49	37237	19.831	ug/l	84
29) Tetrahydrofuran	5.16	42	105754	88.190	ug/l	92
30) Chloroform	5.21	83	71835	17.838	ug/l	99
31) Cyclohexane	5.57	56	62666	16.533	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	60664	17.884	ug/l	97
36) 1,1-Dichloropropene	5.80	75	52673	17.362	ug/l	98
37) Ethyl Acetate	4.86	43	59449	18.232	ug/l	96
38) Carbon Tetrachloride	5.78	117	53686	18.385	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65437	16.874	ug/l	97
40) Benzene	6.14	78	167564	18.029	ug/l	100
41) Methacrylonitrile	5.07	41	33188	17.482	ug/l	94
42) 1,2-Dichloroethane	6.20	62	54319	18.270	ug/l	99
43) Isopropyl Acetate	6.46	43	89843	17.109	ug/l	97
44) Trichloroethene	7.21	130	47991	17.892	ug/l	95
45) 1,2-Dichloropropane	7.52	63	42704	17.416	ug/l	99
46) Dibromomethane	7.66	93	28599	18.609	ug/l	95
47) Bromodichloromethane	7.90	83	51393	17.584	ug/l	99
48) Methyl methacrylate	7.77	41	48070	17.528	ug/l	96
49) 1,4-Dioxane	7.75	88	22890	386.980	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	302985	87.547	ug/l	96
52) Toluene	8.79	92	103377	17.498	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53545	16.712	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	60979	17.125	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	43964	18.276	ug/l	98
56) Ethyl methacrylate	9.18	69	62345	17.546	ug/l	95
57) 1,3-Dichloropropane	9.37	76	70226	17.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	183596	87.827	ug/l	95
59) 2-Hexanone	9.49	43	231698	85.605	ug/l	97
60) Dibromochloromethane	9.58	129	43893	17.704	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45892	18.207	ug/l	98
64) Tetrachloroethene	9.34	164	49785	18.668	ug/l	97
65) Chlorobenzene	10.14	112	117004	17.913	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	42369	18.277	ug/l	99
67) Ethyl Benzene	10.25	91	189999	17.574	ug/l	99
68) m/p-Xylenes	10.36	106	148054	35.788	ug/l	99
69) o-Xylene	10.70	106	72794	18.050	ug/l	97
70) Styrene	10.71	104	118435	17.926	ug/l	99
71) Bromoform	10.86	173	34758	18.119	ug/l #	100
73) Isopropylbenzene	11.02	105	192394	18.009	ug/l	99
74) N-amyl acetate	10.90	43	74291	16.485	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	63596	18.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61261m	21.148	ug/l	
77) Bromobenzene	11.26	156	53299	18.279	ug/l	95
78) n-propylbenzene	11.36	91	205541	17.537	ug/l	99
79) 2-Chlorotoluene	11.42	91	126898	17.729	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	161171	18.309	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16735	16.440	ug/l	93
82) 4-Chlorotoluene	11.51	91	145798	17.785	ug/l	99
83) tert-Butylbenzene	11.77	119	158341	17.949	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	164064	18.068	ug/l	100
85) sec-Butylbenzene	11.94	105	187791	17.867	ug/l	100
86) p-Isopropyltoluene	12.06	119	172442	18.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94320	18.175	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93194	17.685	ug/l	99
89) n-Butylbenzene	12.39	91	133605	16.797	ug/l	99
90) Hexachloroethane	12.60	117	26702	17.552	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	95406	18.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13206	18.661	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64206	17.604	ug/l	100
94) Hexachlorobutadiene	13.78	225	35901	18.118	ug/l	99
95) Naphthalene	13.83	128	189698	18.498	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65841	18.338	ug/l	100

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

