

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007540.D
 Acq On : 14 Feb 2019 12:48
 Operator : JC/SP
 Sample : VX0215WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/15/2019 10:10:10 AM

Quant Time: Feb 15 02:51:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	466684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	316315	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	250517	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.51	113	229313	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.71	98	832035	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	286530	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101855	17.875	ug/l	99
3) Chloromethane	1.33	50	90352	17.189	ug/l	98
4) Vinyl Chloride	1.42	62	97146	18.838	ug/l	100
5) Bromomethane	1.64	94	89826	17.296	ug/l	100
6) Chloroethane	1.73	64	60980	18.280	ug/l	98
7) Trichlorofluoromethane	1.93	101	157377	19.509	ug/l	95
8) Diethyl Ether	2.20	74	58768	19.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87211	18.175	ug/l	98
10) Methyl Iodide	2.51	142	106713	15.118	ug/l	98
11) Tert butyl alcohol	3.07	59	108023	105.376	ug/l	99
12) 1,1-Dichloroethene	2.38	96	80598	18.088	ug/l	99
13) Acrolein	2.30	56	38025	79.102	ug/l	93
14) Allyl chloride	2.73	41	139550	19.221	ug/l	99
15) Acrylonitrile	3.15	53	257257	101.444	ug/l	99
16) Acetone	2.45	43	248300	109.429	ug/l	97
17) Carbon Disulfide	2.57	76	186913	17.482	ug/l	98
18) Methyl Acetate	2.78	43	140089	24.008	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	279056	19.331	ug/l	99
20) Methylene Chloride	2.86	84	92216	19.658	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	84463	17.794	ug/l	99
22) Diisopropyl ether	3.87	45	267338	20.018	ug/l	97
23) Vinyl Acetate	3.83	43	1106585	99.853	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150856	19.670	ug/l	98
25) 2-Butanone	4.70	43	343182	106.277	ug/l	98
26) 2,2-Dichloropropane	4.59	77	113289	19.397	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	98663	19.030	ug/l	99
28) Bromochloromethane	5.02	49	69727	19.770	ug/l	96
29) Tetrahydrofuran	5.16	42	218596	107.635	ug/l	99
30) Chloroform	5.21	83	163025	20.371	ug/l	97
31) Cyclohexane	5.58	56	125482	18.217	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	135290	20.027	ug/l	98
36) 1,1-Dichloropropene	5.81	75	113947	18.314	ug/l	99
37) Ethyl Acetate	4.86	43	123791	19.682	ug/l	98
38) Carbon Tetrachloride	5.79	117	116890	19.364	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133342	17.713	ug/l	97
40) Benzene	6.15	78	350841	19.142	ug/l	99
41) Methacrylonitrile	5.07	41	67371	19.986	ug/l	98
42) 1,2-Dichloroethane	6.20	62	119428	18.833	ug/l	99
43) Isopropyl Acetate	6.46	43	192967	19.877	ug/l	99
44) Trichloroethene	7.21	130	102514	18.571	ug/l	100
45) 1,2-Dichloropropane	7.52	63	88127	19.191	ug/l	98
46) Dibromomethane	7.66	93	63906	19.147	ug/l	97
47) Bromodichloromethane	7.90	83	112094	19.817	ug/l	98
48) Methyl methacrylate	7.77	41	98979	20.383	ug/l	99
49) 1,4-Dioxane	7.75	88	47159	430.973	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	653300	102.223	ug/l	100
52) Toluene	8.79	92	225109	19.036	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	114277	18.808	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	130954	19.599	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	96039	19.484	ug/l	97
56) Ethyl methacrylate	9.18	69	133770	19.594	ug/l	96
57) 1,3-Dichloropropane	9.37	76	151869	19.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345565	96.033	ug/l	99
59) 2-Hexanone	9.49	43	508833	102.314	ug/l	99
60) Dibromochloromethane	9.59	129	93841	20.129	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101761	19.494	ug/l	98
64) Tetrachloroethene	9.34	164	104012	17.713	ug/l	98
65) Chlorobenzene	10.14	112	260884	19.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	93995	20.622	ug/l	99
67) Ethyl Benzene	10.25	91	415922	18.998	ug/l	97
68) m/p-Xylenes	10.36	106	327221	37.600	ug/l	99
69) o-Xylene	10.70	106	163263	19.496	ug/l	97
70) Styrene	10.71	104	256514	18.888	ug/l	99
71) Bromoform	10.86	173	69835	20.090	ug/l	99
73) Isopropylbenzene	11.02	105	425233	19.783	ug/l	99
74) N-amyl acetate	10.90	43	163994	19.725	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	140379	21.429	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146069m	23.741	ug/l	
77) Bromobenzene	11.26	156	116209	19.188	ug/l	98
78) n-propylbenzene	11.36	91	469558	19.921	ug/l	99
79) 2-Chlorotoluene	11.42	91	281430	19.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350020	19.904	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35895	20.736	ug/l	95
82) 4-Chlorotoluene	11.51	91	324754	19.623	ug/l	100
83) tert-Butylbenzene	11.77	119	345281	19.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	362235	20.289	ug/l	98
85) sec-Butylbenzene	11.94	105	421585	20.006	ug/l	100
86) p-Isopropyltoluene	12.06	119	374104	19.667	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202792	18.657	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	203591	18.462	ug/l	99
89) n-Butylbenzene	12.38	91	307249	18.776	ug/l	99
90) Hexachloroethane	12.60	117	57892	20.335	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	205213	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28320	20.791	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131744	18.060	ug/l	99
94) Hexachlorobutadiene	13.78	225	64637	18.248	ug/l	98
95) Naphthalene	13.83	128	415938	19.498	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131250	17.874	ug/l	98

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

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