

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007295.D
 Acq On : 29 Jan 2019 18:22
 Operator : JC/SP
 Sample : VX0129WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/30/2019 9:17:24 AM

Quant Time: Jan 30 03:08:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	434791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	657230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	595978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	299656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240811	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	5.50	113	218816	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.71	98	785441	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.13	95	275478	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	63098	17.672	ug/l	100
3) Chloromethane	1.33	50	75060	18.058	ug/l	100
4) Vinyl Chloride	1.41	62	82890	18.539	ug/l	99
5) Bromomethane	1.64	94	83572	17.495	ug/l	99
6) Chloroethane	1.72	64	56312	18.037	ug/l	97
7) Trichlorofluoromethane	1.93	101	142077	19.666	ug/l	98
8) Diethyl Ether	2.19	74	57894	20.143	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83720	19.356	ug/l	99
10) Methyl Iodide	2.51	142	116071	19.895	ug/l	99
11) Tert butyl alcohol	3.07	59	115311	107.578	ug/l	99
12) 1,1-Dichloroethene	2.38	96	76055	19.032	ug/l	98
13) Acrolein	2.30	56	44250	97.623	ug/l	99
14) Allyl chloride	2.73	41	136825	19.979	ug/l	98
15) Acrylonitrile	3.15	53	267530	108.723	ug/l	99
16) Acetone	2.45	43	234298	104.300	ug/l	98
17) Carbon Disulfide	2.57	76	149617	14.543	ug/l	100
18) Methyl Acetate	2.78	43	180703	27.778	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	293083	21.131	ug/l	99
20) Methylene Chloride	2.86	84	92045	21.217	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	81978	18.409	ug/l	98
22) Diisopropyl ether	3.87	45	267230	20.756	ug/l	98
23) Vinyl Acetate	3.82	43	1071214	98.658	ug/l	98
24) 1,1-Dichloroethane	3.70	63	146696	20.376	ug/l	97
25) 2-Butanone	4.70	43	341282	106.178	ug/l	98
26) 2,2-Dichloropropane	4.58	77	91579	16.542	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	97467	19.843	ug/l	97
28) Bromochloromethane	5.02	49	59415	18.837	ug/l	95
29) Tetrahydrofuran	5.15	42	218655	104.677	ug/l	98
30) Chloroform	5.21	83	158085	20.973	ug/l	98
31) Cyclohexane	5.57	56	112361	17.535	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	127372	19.936	ug/l	97
36) 1,1-Dichloropropene	5.80	75	105204	18.411	ug/l	98
37) Ethyl Acetate	4.85	43	128699	21.009	ug/l	99
38) Carbon Tetrachloride	5.79	117	107238	18.653	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120808	16.584	ug/l	99
40) Benzene	6.15	78	337376	19.350	ug/l	99
41) Methacrylonitrile	5.06	41	70501	19.977	ug/l	99
42) 1,2-Dichloroethane	6.20	62	120815	20.052	ug/l	100
43) Isopropyl Acetate	6.46	43	195711	20.254	ug/l	99
44) Trichloroethene	7.21	130	97696	18.699	ug/l	95
45) 1,2-Dichloropropane	7.52	63	89936	20.518	ug/l	96
46) Dibromomethane	7.66	93	60484	19.634	ug/l	95
47) Bromodichloromethane	7.90	83	106824	20.372	ug/l	98
48) Methyl methacrylate	7.77	41	100889	20.331	ug/l	99
49) 1,4-Dioxane	7.75	88	47160	411.101	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	677074	109.030	ug/l	99
52) Toluene	8.79	92	218509	19.499	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	109200	18.781	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	126235	19.659	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98266	21.908	ug/l	99
56) Ethyl methacrylate	9.18	69	136115	20.787	ug/l	94
57) 1,3-Dichloropropane	9.37	76	153781	20.927	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	350460	104.093	ug/l	99
59) 2-Hexanone	9.49	43	510752	107.927	ug/l	98
60) Dibromochloromethane	9.59	129	90065	20.678	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104050	21.071	ug/l	97
64) Tetrachloroethene	9.34	164	97231	18.844	ug/l	94
65) Chlorobenzene	10.14	112	256918	19.765	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90560	20.710	ug/l	98
67) Ethyl Benzene	10.25	91	414899	19.334	ug/l	99
68) m/p-Xylenes	10.36	106	323487	38.262	ug/l	100
69) o-Xylene	10.70	106	157890	19.149	ug/l	96
70) Styrene	10.71	104	257881	19.748	ug/l	100
71) Bromoform	10.86	173	67258	20.294	ug/l #	97
73) Isopropylbenzene	11.02	105	428133	20.262	ug/l	99
74) N-amyl acetate	10.90	43	173663	20.413	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	144307	21.513	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	134124m	22.087	ug/l	
77) Bromobenzene	11.26	156	117904	20.251	ug/l	98
78) n-propylbenzene	11.36	91	463002	19.960	ug/l	100
79) 2-Chlorotoluene	11.42	91	283522	20.305	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	343683	19.466	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31635	18.315	ug/l	89
82) 4-Chlorotoluene	11.51	91	321094	19.861	ug/l	100
83) tert-Butylbenzene	11.77	119	356576	20.242	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	358942	20.217	ug/l	99
85) sec-Butylbenzene	11.94	105	419607	19.945	ug/l	99
86) p-Isopropyltoluene	12.06	119	369012	19.610	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205272	19.506	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	206200	20.766	ug/l	99
89) n-Butylbenzene	12.39	91	301820	18.815	ug/l	98
90) Hexachloroethane	12.60	117	55272	20.237	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	208917	20.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27245	20.536	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135994	19.087	ug/l	100
94) Hexachlorobutadiene	13.78	225	63588	20.112	ug/l	99
95) Naphthalene	13.83	128	434203	20.111	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	139914	19.768	ug/l	98

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

