

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
 Data File : VX013282.D
 Acq On : 30 Oct 2019 13:14
 Operator : JC/SP
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:05:34 PM

Quant Time: Oct 31 02:14:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	79954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	112438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	112460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	80286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	85358	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	5.48	113	66159	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.71	98	234805	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.13	95	95538	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	30299	18.781	ug/l	97
3) Chloromethane	1.32	50	23207	18.103	ug/l	95
4) Vinyl Chloride	1.40	62	24757	17.052	ug/l	97
5) Bromomethane	1.63	94	21134	27.463	ug/l	98
6) Chloroethane	1.72	64	24899	29.601	ug/l	98
7) Trichlorofluoromethane	1.92	101	62154	27.265	ug/l	98
8) Diethyl Ether	2.17	74	23724	30.192	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28753	20.265	ug/l	97
10) Methyl Iodide	2.50	142	30371	19.327	ug/l	98
11) Tert butyl alcohol	3.03	59	33861	92.667	ug/l	100
12) 1,1-Dichloroethene	2.36	96	26213	19.246	ug/l	97
13) Acrolein	2.28	56	21359	108.862	ug/l	98
14) Allyl chloride	2.72	41	39039	18.206	ug/l	97
15) Acrylonitrile	3.13	53	66877	90.730	ug/l	99
16) Acetone	2.43	43	79614	101.053	ug/l	99
17) Carbon Disulfide	2.56	76	61673	16.843	ug/l	100
18) Methyl Acetate	2.76	43	33159	19.870	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	95403	19.891	ug/l	96
20) Methylene Chloride	2.84	84	28540	19.548	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	28641	20.494	ug/l	97
22) Diisopropyl ether	3.84	45	80638	19.233	ug/l	92
23) Vinyl Acetate	3.80	43	343711	96.452	ug/l	98
24) 1,1-Dichloroethane	3.69	63	48870	18.950	ug/l	98
25) 2-Butanone	4.65	43	98397	93.128	ug/l	96
26) 2,2-Dichloropropane	4.56	77	49301	20.686	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	32366	19.404	ug/l	97
28) Bromochloromethane	5.00	49	12395	18.640	ug/l	92
29) Tetrahydrofuran	5.11	42	56465	88.660	ug/l	100
30) Chloroform	5.19	83	55830	20.334	ug/l	100
31) Cyclohexane	5.57	56	41361	19.125	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52464	21.490	ug/l	98
36) 1,1-Dichloropropene	5.78	75	39714	21.056	ug/l	99
37) Ethyl Acetate	4.82	43	34702	18.521	ug/l	99
38) Carbon Tetrachloride	5.78	117	44470	21.398	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	47347	19.670	ug/l	96
40) Benzene	6.13	78	111712	19.780	ug/l	97
41) Methacrylonitrile	5.03	41	19719	19.630	ug/l	97
42) 1,2-Dichloroethane	6.18	62	47068	22.104	ug/l	99
43) Isopropyl Acetate	6.43	43	60480	19.441	ug/l	100
44) Trichloroethene	7.20	130	33291	20.770	ug/l	97
45) 1,2-Dichloropropane	7.50	63	26822	18.962	ug/l	98
46) Dibromomethane	7.65	93	20888	20.496	ug/l	99
47) Bromodichloromethane	7.89	83	42580	21.440	ug/l	99
48) Methyl methacrylate	7.76	41	30232	19.662	ug/l	98
49) 1,4-Dioxane	7.73	88	14375	367.335	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	181324	95.625	ug/l	99
52) Toluene	8.78	92	74509	19.907	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	45973	21.783	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	48645	21.069	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	30502	20.613	ug/l	98
56) Ethyl methacrylate	9.17	69	45151	20.273	ug/l	98
57) 1,3-Dichloropropane	9.37	76	49841	19.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	89443	102.924	ug/l	99
59) 2-Hexanone	9.48	43	142652	97.665	ug/l	100
60) Dibromochloromethane	9.57	129	33223	21.427	ug/l	96
61) 1,2-Dibromoethane	9.67	107	32327	20.578	ug/l	100
64) Tetrachloroethene	9.33	164	32488	22.347	ug/l	99
65) Chlorobenzene	10.14	112	80775	20.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31928	21.954	ug/l	97
67) Ethyl Benzene	10.25	91	144610	20.519	ug/l	96
68) m/p-Xylenes	10.36	106	110636	41.539	ug/l	97
69) o-Xylene	10.70	106	51988	20.348	ug/l	97
70) Styrene	10.71	104	90444	20.558	ug/l	98
71) Bromoform	10.85	173	23983	22.570	ug/l #	99
73) Isopropylbenzene	11.01	105	148986	20.435	ug/l	100
74) N-amyl acetate	10.89	43	49521	18.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	43289	19.555	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	38355m	19.821	ug/l	
77) Bromobenzene	11.25	156	35053	20.060	ug/l	98
78) n-propylbenzene	11.35	91	153754	19.415	ug/l	100
79) 2-Chlorotoluene	11.42	91	94117	18.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	119639	19.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13935	19.789	ug/l	98
82) 4-Chlorotoluene	11.51	91	112050	19.763	ug/l	97
83) tert-Butylbenzene	11.76	119	120879	20.161	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	123983	20.284	ug/l	97
85) sec-Butylbenzene	11.94	105	129296	18.950	ug/l	99
86) p-Isopropyltoluene	12.06	119	132460	20.665	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59544	18.862	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	63992	19.910	ug/l	97
89) n-Butylbenzene	12.39	91	98839	18.850	ug/l	99
90) Hexachloroethane	12.59	117	22347	20.818	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	60692	19.552	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10358	18.816	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38272	19.580	ug/l	97
94) Hexachlorobutadiene	13.78	225	20867	20.637	ug/l	97
95) Naphthalene	13.83	128	115369	19.231	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	38338	19.848	ug/l	98

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

