

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101519\
 Data File : VX013071.D
 Acq On : 15 Oct 2019 12:34
 Operator : JC/SP
 Sample : VX1015WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 9:57:58 AM

Quant Time: Oct 16 06:44:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	107364	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.49	113	85292	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
50) Toluene-d8	8.71	98	326856	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.13	95	124024	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	31928	18.220	ug/l 98
3) Chloromethane	1.32	50	33544	17.589	ug/l 95
4) Vinyl Chloride	1.40	62	34970	17.765	ug/l 100
5) Bromomethane	1.63	94	16865	20.611	ug/l 100
6) Chloroethane	1.72	64	22591	19.018	ug/l 97
7) Trichlorofluoromethane	1.92	101	53548	20.155	ug/l 99
8) Diethyl Ether	2.18	74	20457	19.076	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34189	19.883	ug/l 99
10) Methyl Iodide	2.50	142	35242	21.334	ug/l 99
11) Tert butyl alcohol	3.03	59	49143	86.275	ug/l 98
12) 1,1-Dichloroethene	2.36	96	33469	19.265	ug/l 93
13) Acrolein	2.28	56	39396	97.323	ug/l 99
14) Allyl chloride	2.72	41	56578	18.287	ug/l 98
15) Acrylonitrile	3.13	53	103489	95.872	ug/l 99
16) Acetone	2.43	43	99488	87.841	ug/l 98
17) Carbon Disulfide	2.56	76	79494	16.047	ug/l 100
18) Methyl Acetate	2.76	43	51240	19.087	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	121490	20.250	ug/l 96
20) Methylene Chloride	2.85	84	38887	18.682	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	35327	18.972	ug/l 96
22) Diisopropyl ether	3.84	45	117270	19.781	ug/l 93
23) Vinyl Acetate	3.80	43	499944	97.686	ug/l 98
24) 1,1-Dichloroethane	3.69	63	66527	19.947	ug/l 99
25) 2-Butanone	4.66	43	145304	92.473	ug/l 94
26) 2,2-Dichloropropane	4.58	77	54437	19.410	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	42723	19.905	ug/l 97
28) Bromochloromethane	5.00	49	19297	19.084	ug/l 96
29) Tetrahydrofuran	5.12	42	90355	93.445	ug/l 97
30) Chloroform	5.20	83	67708	19.785	ug/l 97
31) Cyclohexane	5.56	56	58273	18.685	ug/l 93
32) 1,1,1-Trichloroethane	5.49	97	58767	20.267	ug/l 99
36) 1,1-Dichloropropene	5.79	75	50064	20.228	ug/l 99
37) Ethyl Acetate	4.82	43	53821	19.448	ug/l 99
38) Carbon Tetrachloride	5.77	117	48602	20.175	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59322	19.764	ug/l	99
40) Benzene	6.14	78	151412	20.714	ug/l	97
41) Methacrylonitrile	5.03	41	30013	19.736	ug/l	99
42) 1,2-Dichloroethane	6.18	62	55880	21.304	ug/l	100
43) Isopropyl Acetate	6.43	43	88743	19.979	ug/l	98
44) Trichloroethene	7.20	130	40266	19.865	ug/l	93
45) 1,2-Dichloropropane	7.51	63	38944	20.904	ug/l	96
46) Dibromomethane	7.65	93	26277	21.170	ug/l	98
47) Bromodichloromethane	7.89	83	50379	20.798	ug/l	97
48) Methyl methacrylate	7.76	41	43228	19.971	ug/l	99
49) 1,4-Dioxane	7.73	88	20729	379.422	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	275967	99.648	ug/l	99
52) Toluene	8.78	92	97023	20.747	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	54257	19.339	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	60879	20.434	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	38228	20.656	ug/l	94
56) Ethyl methacrylate	9.17	69	61363	19.669	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66183	20.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	136458	100.370	ug/l	99
59) 2-Hexanone	9.48	43	211890	98.288	ug/l	100
60) Dibromochloromethane	9.57	129	39561	20.353	ug/l	96
61) 1,2-Dibromoethane	9.67	107	40254	20.677	ug/l	99
64) Tetrachloroethene	9.33	164	39165	22.356	ug/l	98
65) Chlorobenzene	10.14	112	102063	20.349	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	37000	21.276	ug/l	98
67) Ethyl Benzene	10.24	91	181503	20.372	ug/l	100
68) m/p-Xylenes	10.35	106	136380	40.975	ug/l	99
69) o-Xylene	10.70	106	67148	20.688	ug/l	100
70) Styrene	10.71	104	114798	20.805	ug/l	100
71) Bromoform	10.85	173	25752	19.426	ug/l #	98
73) Isopropylbenzene	11.01	105	179376	20.922	ug/l	99
74) N-amyl acetate	10.89	43	72645	19.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	57224	20.068	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	55214m	21.347	ug/l	
77) Bromobenzene	11.25	156	40583	20.087	ug/l	95
78) n-propylbenzene	11.35	91	193283	20.488	ug/l	100
79) 2-Chlorotoluene	11.42	91	120805	20.375	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	148423	20.733	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17096	19.693	ug/l	96
82) 4-Chlorotoluene	11.51	91	141664	20.846	ug/l	100
83) tert-Butylbenzene	11.76	119	143656	20.571	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	150481	20.755	ug/l	97
85) sec-Butylbenzene	11.94	105	171101	21.148	ug/l	99
86) p-Isopropyltoluene	12.06	119	155179	20.681	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74332	19.813	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	75163	19.781	ug/l	100
89) n-Butylbenzene	12.38	91	125612	19.918	ug/l	99
90) Hexachloroethane	12.59	117	24226	18.811	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	75315	20.477	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13084	19.576	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	44532	19.328	ug/l	95
94) Hexachlorobutadiene	13.77	225	21696	20.404	ug/l	98
95) Naphthalene	13.83	128	158195	19.807	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	46962	19.724	ug/l	99

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

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