

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013005.D
 Acq On : 10 Oct 2019 18:50
 Operator : JC/SP
 Sample : K5261-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MSD

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:05:38 PM

Quant Time: Oct 11 08:04:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	106901	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
35) Dibromofluoromethane	5.49	113	85232	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
50) Toluene-d8	8.71	98	319995	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.14	95	125075	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80405	49.723	ug/l	97
3) Chloromethane	1.32	50	91128	51.782	ug/l	98
4) Vinyl Chloride	1.40	62	105900	58.301	ug/l	99
5) Bromomethane	1.63	94	37013	49.019	ug/l	99
6) Chloroethane	1.71	64	57116	51.466	ug/l	98
7) Trichlorofluoromethane	1.92	101	129645	52.880	ug/l	95
8) Diethyl Ether	2.18	74	51878	52.424	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80887	50.978	ug/l	98
10) Methyl Iodide	2.50	142	100969	55.543	ug/l	99
11) Tert butyl alcohol	3.03	59	125337	238.455	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85637	53.418	ug/l	96
13) Acrolein	2.28	56	93890	251.354	ug/l	99
14) Allyl chloride	2.72	41	150080	52.568	ug/l	99
15) Acrylonitrile	3.13	53	272364	273.433	ug/l	98
16) Acetone	2.44	43	227057	217.252	ug/l	99
17) Carbon Disulfide	2.56	76	222338	48.639	ug/l	100
18) Methyl Acetate	2.76	43	122978	49.643	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	308229	55.675	ug/l	99
20) Methylene Chloride	2.84	84	97926	50.983	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	133583	77.743	ug/l	96
22) Diisopropyl ether	3.84	45	300355	54.903	ug/l	95
23) Vinyl Acetate	3.80	43	1232678	261.014	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173657	56.425	ug/l	100
25) 2-Butanone	4.66	43	371514	256.221	ug/l	99
26) 2,2-Dichloropropane	4.57	77	120590	46.595	ug/l	92
27) cis-1,2-Dichloroethene	4.58	96	213833	107.963	ug/l	95
28) Bromochloromethane	5.00	49	52304	56.929	ug/l	99
29) Tetrahydrofuran	5.12	42	243069	272.418	ug/l	99
30) Chloroform	5.20	83	170386	53.955	ug/l	99
31) Cyclohexane	5.57	56	143849	49.985	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	149442	55.851	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124591	51.864	ug/l	99
37) Ethyl Acetate	4.82	43	133083	49.544	ug/l	100
38) Carbon Tetrachloride	5.78	117	123010	52.609	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	142012	48.746	ug/l	97
40) Benzene	6.14	78	386358	54.454	ug/l	99
41) Methacrylonitrile	5.03	41	78776	53.370	ug/l	100
42) 1,2-Dichloroethane	6.18	62	139075	54.627	ug/l	99
43) Isopropyl Acetate	6.43	43	223436	51.824	ug/l	100
44) Trichloroethene	7.21	130	132937	67.567	ug/l	94
45) 1,2-Dichloropropane	7.51	63	99607	55.083	ug/l	99
46) Dibromomethane	7.65	93	66203	54.950	ug/l	99
47) Bromodichloromethane	7.89	83	130102	55.335	ug/l	99
48) Methyl methacrylate	7.76	41	113577	54.059	ug/l	99
49) 1,4-Dioxane	7.73	88	49562	883.292	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	732008	272.318	ug/l	100
52) Toluene	8.78	92	243454	53.635	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	138970	47.477	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	154090	53.286	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100252	55.809	ug/l	99
56) Ethyl methacrylate	9.17	69	164118	50.984	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168208	54.133	ug/l	99
59) 2-Hexanone	9.49	43	563277	269.190	ug/l	100
60) Dibromochloromethane	9.58	129	100802	50.410	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102971	54.492	ug/l	100
64) Tetrachloroethene	9.33	164	86512	50.646	ug/l	95
65) Chlorobenzene	10.14	112	254817	52.102	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	93645	55.224	ug/l	99
67) Ethyl Benzene	10.25	91	459894	52.939	ug/l	99
68) m/p-Xylenes	10.35	106	348865	107.495	ug/l	99
69) o-Xylene	10.70	106	169769	53.642	ug/l	99
70) Stvrene	10.71	104	294038	54.651	ug/l	99
71) Bromoform	10.85	173	68043	47.284	ug/l #	100
73) Isopropylbenzene	11.01	105	447189	53.833	ug/l	100
74) N-amyl acetate	10.89	43	187297	52.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151325	54.770	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	143255m	57.164	ug/l	
77) Bromobenzene	11.25	156	103788	53.020	ug/l	98
78) n-propylbenzene	11.35	91	477283	52.215	ug/l	100
79) 2-Chlorotoluene	11.42	91	312113	54.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	379714	54.742	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	44687	46.193	ug/l	98
82) 4-Chlorotoluene	11.51	91	348396	52.911	ug/l	99
83) tert-Butylbenzene	11.77	119	365537	54.023	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	382807	54.492	ug/l	100
85) sec-Butylbenzene	11.94	105	420922	53.695	ug/l	100
86) p-Isopropyltoluene	12.06	119	386553	53.168	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188185	51.768	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188418	51.179	ug/l	99
89) n-Butylbenzene	12.39	91	321019	52.536	ug/l	99
90) Hexachloroethane	12.59	117	66150	49.162	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	187559	52.630	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36235	55.954	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	113056	50.643	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48999	47.560	ug/l	99
95) Naphthalene	13.83	128	409928	52.971	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	117111	50.764	ug/l	100

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

