

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013581.D
 Acq On : 25 Nov 2019 15:14
 Operator : JC/SP
 Sample : VX1125MBSD01
 Misc : 5.00G/10ML/100UL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2019 11:02:30 AM

Quant Time: Nov 25 15:44:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	653093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1012758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	895958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	450981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	385395	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.48	113	320181	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	1195365	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	430967	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	106426	14.143	ug/l	97
3) Chloromethane	1.32	50	125198	15.342	ug/l	97
4) Vinyl Chloride	1.40	62	147476	15.874	ug/l	97
5) Bromomethane	1.63	94	87638	13.537	ug/l	99
6) Chloroethane	1.72	64	85155	15.206	ug/l	100
7) Trichlorofluoromethane	1.92	101	168277	15.331	ug/l	98
8) Diethyl Ether	2.18	74	81562	16.804	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105026	17.168	ug/l	97
10) Methyl Iodide	2.50	142	114346	15.097	ug/l	99
11) Tert butyl alcohol	3.03	59	161508	79.198	ug/l	98
12) 1,1-Dichloroethene	2.36	96	101250	16.901	ug/l	97
13) Acrolein	2.28	56	145788	131.906	ug/l	97
14) Allyl chloride	2.72	41	196803	18.080	ug/l	95
15) Acrylonitrile	3.13	53	358201	94.033	ug/l	99
16) Acetone	2.43	43	332628	86.190	ug/l	100
17) Carbon Disulfide	2.56	76	231870	14.461	ug/l	100
18) Methyl Acetate	2.76	43	208912	19.608	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	389668	19.502	ug/l	98
20) Methylene Chloride	2.85	84	127700	17.909	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	110400	16.925	ug/l	97
22) Diisopropyl ether	3.84	45	413455	19.675	ug/l	94
23) Vinyl Acetate	3.80	43	1670351	92.890	ug/l	99
24) 1,1-Dichloroethane	3.69	63	220346	18.744	ug/l	99
25) 2-Butanone	4.66	43	520477	91.932	ug/l	99
26) 2,2-Dichloropropane	4.58	77	179163	19.158	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	136391	18.666	ug/l	98
28) Bromochloromethane	5.00	49	78222	23.435	ug/l	98
29) Tetrahydrofuran	5.11	42	319437	91.559	ug/l	100
30) Chloroform	5.20	83	219073	18.872	ug/l	99
31) Cyclohexane	5.57	56	170535	16.122	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	177541	17.772	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148836	17.131	ug/l	98
37) Ethyl Acetate	4.82	43	188364	17.546	ug/l	98
38) Carbon Tetrachloride	5.78	117	147044	17.307	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174779	16.145	ug/l	99
40) Benzene	6.14	78	480311	17.747	ug/l	98
41) Methacrylonitrile	5.03	41	106200	17.649	ug/l	98
42) 1,2-Dichloroethane	6.18	62	174282	17.853	ug/l	97
43) Isopropyl Acetate	6.43	43	312289	18.680	ug/l	99
44) Trichloroethene	7.21	130	129947	17.443	ug/l	96
45) 1,2-Dichloropropane	7.51	63	129626	18.798	ug/l	98
46) Dibromomethane	7.65	93	84166	17.877	ug/l	99
47) Bromodichloromethane	7.89	83	166456	18.749	ug/l	93
48) Methyl methacrylate	7.76	41	153475	18.391	ug/l	98
49) 1,4-Dioxane	7.73	88	60246	315.245	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1000972	91.262	ug/l	99
52) Toluene	8.78	92	302990	18.063	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	180238	18.565	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	199979	18.415	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130625	18.788	ug/l	99
56) Ethyl methacrylate	9.17	69	207128	18.468	ug/l	97
57) 1,3-Dichloropropane	9.37	76	217608	18.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	461991	97.183	ug/l	100
59) 2-Hexanone	9.48	43	768102	90.622	ug/l	99
60) Dibromochloromethane	9.58	129	132546	18.641	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131831	17.857	ug/l	99
64) Tetrachloroethene	9.33	164	113762	17.737	ug/l	96
65) Chlorobenzene	10.14	112	329995	18.192	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	124362	18.672	ug/l	99
67) Ethyl Benzene	10.24	91	568943	18.174	ug/l	100
68) m/p-Xylenes	10.35	106	434457	36.695	ug/l	99
69) o-Xylene	10.70	106	212684	18.348	ug/l	98
70) Styrene	10.71	104	362691	18.718	ug/l	100
71) Bromoform	10.85	173	100055	18.367	ug/l #	98
73) Isopropylbenzene	11.01	105	565457	18.911	ug/l	100
74) N-amyl acetate	10.89	43	266814	19.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	208682	19.131	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191002m	20.852	ug/l	
77) Bromobenzene	11.25	156	147547	18.510	ug/l	98
78) n-propylbenzene	11.35	91	635077	19.067	ug/l	100
79) 2-Chlorotoluene	11.42	91	380318	18.952	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	474150	19.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62104	17.451	ug/l	98
82) 4-Chlorotoluene	11.51	91	439196	18.696	ug/l	99
83) tert-Butylbenzene	11.77	119	480124	19.150	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	469083	18.775	ug/l	97
85) sec-Butylbenzene	11.94	105	545211	18.922	ug/l	100
86) p-Isopropyltoluene	12.06	119	509672	19.209	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265844	18.710	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	266758	18.427	ug/l	99
89) n-Butylbenzene	12.38	91	434557	18.770	ug/l	99
90) Hexachloroethane	12.59	117	86254	18.246	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	267705	18.849	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44037	16.570	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	188120	18.988	ug/l	99
94) Hexachlorobutadiene	13.77	225	86095	17.763	ug/l	100
95) Naphthalene	13.83	128	593376	19.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	190423	19.166	ug/l	99

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

