

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014221.D
 Acq On : 23 Dec 2019 23:45
 Operator : JC/SP
 Sample : VX1223MBSD02
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1223MBSD02

Manual Integrations
 APPROVED

apatel
 12/24/2019 12:05:18 PM

Quant Time: Dec 24 04:03:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	509286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	788895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347894	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	294879	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.49	113	240768	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	944955	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	326262	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	79469	17.442	ug/l	99
3) Chloromethane	1.32	50	109577	17.921	ug/l	99
4) Vinyl Chloride	1.40	62	118052	18.297	ug/l	99
5) Bromomethane	1.63	94	73705	16.095	ug/l	97
6) Chloroethane	1.72	64	78313	19.667	ug/l	98
7) Trichlorofluoromethane	1.92	101	154874	19.391	ug/l	99
8) Diethyl Ether	2.18	74	71897	19.181	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90166	18.728	ug/l	98
10) Methyl Iodide	2.50	142	95682	16.901	ug/l	98
11) Tert butyl alcohol	3.03	59	135990	109.036	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92701	18.922	ug/l	95
13) Acrolein	2.28	56	63575	89.048	ug/l	99
14) Allyl chloride	2.72	41	169834	19.416	ug/l	98
15) Acrylonitrile	3.13	53	297122	102.066	ug/l	99
16) Acetone	2.43	43	338517	90.336	ug/l	98
17) Carbon Disulfide	2.56	76	235394	17.798	ug/l	100
18) Methyl Acetate	2.76	43	158307	21.320	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	317431	19.718	ug/l	97
20) Methylene Chloride	2.85	84	110039	18.648	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	100473	18.616	ug/l	99
22) Diisopropyl ether	3.84	45	346748	19.893	ug/l	98
23) Vinyl Acetate	3.80	43	983667	69.153	ug/l	100
24) 1,1-Dichloroethane	3.69	63	186127	19.193	ug/l	99
25) 2-Butanone	4.66	43	447915	96.952	ug/l	99
26) 2,2-Dichloropropane	4.57	77	125151	16.622	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	118874	19.475	ug/l	99
28) Bromochloromethane	5.00	49	77508	21.047	ug/l	100
29) Tetrahydrofuran	5.11	42	271900	105.221	ug/l	99
30) Chloroform	5.20	83	182312	19.831	ug/l	97
31) Cyclohexane	5.57	56	164426	19.064	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	151811	19.376	ug/l	100
36) 1,1-Dichloropropene	5.79	75	133338	18.421	ug/l	98
37) Ethyl Acetate	4.82	43	159340	19.934	ug/l	98
38) Carbon Tetrachloride	5.78	117	125318	19.004	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	163546	18.298	ug/l	97
40) Benzene	6.13	78	425398	19.100	ug/l	99
41) Methacrylonitrile	5.03	41	87251	19.673	ug/l	98
42) 1,2-Dichloroethane	6.18	62	146775	19.441	ug/l	99
43) Isopropyl Acetate	6.43	43	263152	19.893	ug/l	98
44) Trichloroethene	7.21	130	121909	19.817	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112490	19.705	ug/l	96
46) Dibromomethane	7.65	93	72164	19.120	ug/l	99
47) Bromodichloromethane	7.89	83	138433	19.475	ug/l	98
48) Methyl methacrylate	7.76	41	127015	19.608	ug/l	99
49) 1,4-Dioxane	7.73	88	53372	404.875	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	830329	99.945	ug/l	100
52) Toluene	8.78	92	266702	18.945	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143817	18.452	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163734	18.856	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110406	19.568	ug/l	98
56) Ethyl methacrylate	9.17	69	170605	19.249	ug/l	99
57) 1,3-Dichloropropane	9.37	76	184816	19.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	335859	100.136	ug/l	99
59) 2-Hexanone	9.48	43	646092	96.607	ug/l	99
60) Dibromochloromethane	9.57	129	109321	19.493	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113775	19.709	ug/l	99
64) Tetrachloroethene	9.33	164	167488	26.681	ug/l	94
65) Chlorobenzene	10.14	112	288007	19.094	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	105358	19.562	ug/l	100
67) Ethyl Benzene	10.25	91	498059	19.206	ug/l	99
68) m/p-Xylenes	10.35	106	382665	38.366	ug/l	100
69) o-Xylene	10.70	106	186474	19.063	ug/l	99
70) Styrene	10.71	104	309955	18.738	ug/l	99
71) Bromoform	10.85	173	80854	18.676	ug/l #	97
73) Isopropylbenzene	11.01	105	489383	19.979	ug/l	99
74) N-amyl acetate	10.89	43	220733	19.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	151259	17.812	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	137308m	18.180	ug/l	
77) Bromobenzene	11.25	156	128164	19.017	ug/l	99
78) n-propylbenzene	11.35	91	548190	19.952	ug/l	100
79) 2-Chlorotoluene	11.42	91	329566	19.733	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	404933	19.643	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46700	17.452	ug/l	92
82) 4-Chlorotoluene	11.51	91	371357	19.169	ug/l	100
83) tert-Butylbenzene	11.76	119	352040	17.548	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	407294	19.729	ug/l	100
85) sec-Butylbenzene	11.94	105	468368	19.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	423545	19.551	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222122	18.806	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	223897	18.643	ug/l	99
89) n-Butylbenzene	12.39	91	347763	18.813	ug/l	99
90) Hexachloroethane	12.59	117	70483	18.114	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	226521	19.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32699	17.400	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	144610	18.712	uq/l	98
94) Hexachlorobutadiene	13.78	225	69673	18.759	uq/l	98
95) Naphthalene	13.83	128	452684	19.937	uq/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147867	19.383	uq/l	98

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

