

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122619\
 Data File : VX014263.D
 Acq On : 26 Dec 2019 12:51
 Operator : JC/SP
 Sample : VX1226MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Manual Integrations
 APPROVED

apatel
 12/27/2019 12:03:10 PM

Quant Time: Dec 27 06:44:14 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	476776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	718353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	655331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	280086	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	5.48	113	232482	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
50) Toluene-d8	8.71	98	886785	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.13	95	314394	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74473	17.460	ug/l	99
3) Chloromethane	1.32	50	106517	18.608	ug/l	100
4) Vinyl Chloride	1.40	62	111097	18.393	ug/l	99
5) Bromomethane	1.63	94	70378	16.417	ug/l	98
6) Chloroethane	1.72	64	71724	19.240	ug/l	96
7) Trichlorofluoromethane	1.92	101	144082	19.270	ug/l	98
8) Diethyl Ether	2.18	74	68351	19.478	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89192	19.789	ug/l	99
10) Methyl Iodide	2.50	142	102789	19.008	ug/l	98
11) Tert butyl alcohol	3.03	59	116888	100.110	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85065	18.548	ug/l	95
13) Acrolein	2.28	56	62529	93.555	ug/l	97
14) Allyl chloride	2.72	41	164274	20.061	ug/l	100
15) Acrylonitrile	3.12	53	290675	106.660	ug/l	98
16) Acetone	2.43	43	258046	73.557	ug/l	99
17) Carbon Disulfide	2.56	76	216900	17.530	ug/l	99
18) Methyl Acetate	2.76	43	151867	21.847	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	307755	20.421	ug/l	100
20) Methylene Chloride	2.84	84	107118	19.390	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	92996	18.405	ug/l	99
22) Diisopropyl ether	3.84	45	341940	20.955	ug/l	94
23) Vinyl Acetate	3.80	43	1454023	109.190	ug/l	99
24) 1,1-Dichloroethane	3.69	63	177766	19.581	ug/l	99
25) 2-Butanone	4.65	43	406442	93.974	ug/l	97
26) 2,2-Dichloropropane	4.57	77	137187	19.462	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	113107	19.794	ug/l	99
28) Bromochloromethane	5.00	49	79244	22.944	ug/l	99
29) Tetrahydrofuran	5.11	42	262623	108.561	ug/l	98
30) Chloroform	5.19	83	173625	20.174	ug/l	99
31) Cyclohexane	5.57	56	156758	19.414	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	141224	19.254	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126010	19.118	ug/l	99
37) Ethyl Acetate	4.81	43	157359	21.619	ug/l	98
38) Carbon Tetrachloride	5.77	117	117692	19.600	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156636	19.246	ug/l	97
40) Benzene	6.13	78	406760	20.057	ug/l	100
41) Methacrylonitrile	5.03	41	86582	21.439	ug/l	100
42) 1,2-Dichloroethane	6.18	62	141165	20.534	ug/l	100
43) Isopropyl Acetate	6.43	43	255204	21.186	ug/l	99
44) Trichloroethene	7.20	130	109382	19.527	ug/l	98
45) 1,2-Dichloropropane	7.50	63	107741	20.727	ug/l	96
46) Dibromomethane	7.65	93	69665	20.271	ug/l	98
47) Bromodichloromethane	7.89	83	130904	20.224	ug/l	100
48) Methyl methacrylate	7.76	41	121421	20.585	ug/l	99
49) 1,4-Dioxane	7.73	88	51190	426.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	803606	106.227	ug/l	99
52) Toluene	8.78	92	250779	19.563	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	144354	20.340	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	162406	20.540	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105313	20.498	ug/l	98
56) Ethyl methacrylate	9.17	69	163890	20.308	ug/l	99
57) 1,3-Dichloropropane	9.36	76	176905	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330084	108.078	ug/l	100
59) 2-Hexanone	9.48	43	601536	98.777	ug/l	99
60) Dibromochloromethane	9.57	129	105028	20.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109377	20.808	ug/l	99
64) Tetrachloroethene	9.33	164	114320	19.714	ug/l	97
65) Chlorobenzene	10.13	112	271520	19.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98975	19.894	ug/l	100
67) Ethyl Benzene	10.25	91	470637	19.646	ug/l	99
68) m/p-Xylenes	10.35	106	359743	39.044	ug/l	98
69) o-Xylene	10.70	106	174991	19.365	ug/l	99
70) Styrene	10.71	104	291991	19.109	ug/l	98
71) Bromoform	10.85	173	79642	19.914	ug/l #	98
73) Isopropylbenzene	11.01	105	462639	20.571	ug/l	99
74) N-amyl acetate	10.89	43	213696	20.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	159796	20.494	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135671m	19.564	ug/l	
77) Bromobenzene	11.25	156	122470	19.792	ug/l	97
78) n-propylbenzene	11.35	91	521162	20.659	ug/l	99
79) 2-Chlorotoluene	11.42	91	313254	20.428	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	385492	20.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48718	19.829	ug/l	94
82) 4-Chlorotoluene	11.51	91	356112	20.020	ug/l	100
83) tert-Butylbenzene	11.76	119	366995	19.924	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386403	20.385	ug/l	100
85) sec-Butylbenzene	11.94	105	447217	20.567	ug/l	100
86) p-Isopropyltoluene	12.06	119	406973	20.460	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215018	19.827	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	214058	19.412	ug/l	99
89) n-Butylbenzene	12.39	91	343873	20.261	ug/l	100
90) Hexachloroethane	12.59	117	70637	19.771	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	213581	19.564	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33560	19.450	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	139471	19.656	ug/l	99
94) Hexachlorobutadiene	13.78	225	68835	20.185	ug/l	98
95) Naphthalene	13.83	128	415342	19.923	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	139807	19.960	ug/l	99

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

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