

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
 Data File : VX006811.D
 Acq On : 26 Dec 2018 12:03
 Operator : JC/MD
 Sample : VX1226MBS01
 Misc : 5.00µ/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 9:39:00 AM

Quant Time: Dec 27 03:28:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	594008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	862515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	792184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	415467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	298722	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.50	113	270565	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.71	98	1006596	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.13	95	373904	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93676	17.238	ug/l	98
3) Chloromethane	1.33	50	104064	17.775	ug/l	95
4) Vinyl Chloride	1.41	62	110114	18.009	ug/l	100
5) Bromomethane	1.64	94	109201	17.908	ug/l	99
6) Chloroethane	1.72	64	72453	17.113	ug/l	96
7) Trichlorofluoromethane	1.93	101	176732	18.539	ug/l	97
8) Diethyl Ether	2.19	74	70110	18.516	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107853	19.269	ug/l	99
10) Methyl Iodide	2.51	142	152580	19.043	ug/l	100
11) Tert butyl alcohol	3.06	59	152253	106.564	ug/l	98
12) 1,1-Dichloroethene	2.38	96	96100	18.107	ug/l	97
13) Acrolein	2.29	56	82413	85.505	ug/l	100
14) Allyl chloride	2.73	41	170355	19.069	ug/l	99
15) Acrylonitrile	3.15	53	319857	100.830	ug/l	99
16) Acetone	2.45	43	299991	101.994	ug/l	99
17) Carbon Disulfide	2.57	76	211838	15.083	ug/l	99
18) Methyl Acetate	2.78	43	187048	21.627	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	350842	19.917	ug/l	98
20) Methylene Chloride	2.86	84	115019	18.911	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	106759	18.155	ug/l	95
22) Diisopropyl ether	3.87	45	326908	20.003	ug/l	98
23) Vinyl Acetate	3.82	43	1316294	98.465	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183894	18.849	ug/l	98
25) 2-Butanone	4.70	43	422611	102.148	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138913	18.433	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	123066	18.968	ug/l	99
28) Bromochloromethane	5.02	49	81059	18.544	ug/l	98
29) Tetrahydrofuran	5.15	42	272050	99.838	ug/l	97
30) Chloroform	5.21	83	193501	19.153	ug/l	95
31) Cyclohexane	5.57	56	162899	18.379	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	162306	19.026	ug/l	98
36) 1,1-Dichloropropene	5.80	75	138754	19.424	ug/l	100
37) Ethyl Acetate	4.85	43	154117	20.728	ug/l	99
38) Carbon Tetrachloride	5.78	117	136297	19.632	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	173511	18.449	ug/l	97
40) Benzene	6.14	78	428265	19.723	ug/l	99
41) Methacrylonitrile	5.06	41	85556	21.674	ug/l	98
42) 1,2-Dichloroethane	6.20	62	148910	20.125	ug/l	99
43) Isopropyl Acetate	6.46	43	242956	21.476	ug/l	98
44) Trichloroethene	7.21	130	129782	19.747	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109239	20.673	ug/l	98
46) Dibromomethane	7.66	93	76034	19.562	ug/l	98
47) Bromodichloromethane	7.90	83	129248	20.029	ug/l	98
48) Methyl methacrylate	7.77	41	125732	21.855	ug/l	99
49) 1,4-Dioxane	7.75	88	64699	418.261	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	803799	111.668	ug/l	99
52) Toluene	8.78	92	281852	20.092	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	137441	19.859	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	157185	20.699	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118014	20.553	ug/l	98
56) Ethyl methacrylate	9.18	69	170381	20.994	ug/l	95
57) 1,3-Dichloropropane	9.37	76	183787	19.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	435794	101.019	ug/l	100
59) 2-Hexanone	9.49	43	615668	111.789	ug/l	100
60) Dibromochloromethane	9.58	129	108726	19.587	ug/l	97
61) 1,2-Dibromoethane	9.67	107	123310	20.202	ug/l	100
64) Tetrachloroethene	9.34	164	127424	20.313	ug/l	94
65) Chlorobenzene	10.14	112	325738	19.436	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112233	21.464	ug/l	98
67) Ethyl Benzene	10.25	91	533386	19.477	ug/l	100
68) m/p-Xylenes	10.36	106	429898	39.782	ug/l	99
69) o-Xylene	10.70	106	210895	19.763	ug/l	98
70) Styrene	10.71	104	339054	20.083	ug/l	100
71) Bromoform	10.86	173	78189	19.559	ug/l #	100
73) Isopropylbenzene	11.02	105	565621	19.900	ug/l	98
74) N-amyl acetate	10.90	43	225079	22.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	183430	21.700	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	165578m	21.445	ug/l	
77) Bromobenzene	11.26	156	153927	20.032	ug/l	99
78) n-propylbenzene	11.36	91	619964	19.808	ug/l	99
79) 2-Chlorotoluene	11.42	91	374159	19.726	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	468940	20.031	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40504	18.845	ug/l	90
82) 4-Chlorotoluene	11.51	91	428560	19.697	ug/l	100
83) tert-Butylbenzene	11.77	119	468900	20.012	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	476829	19.364	ug/l	99
85) sec-Butylbenzene	11.94	105	572025	19.912	ug/l	100
86) p-Isopropyltoluene	12.06	119	505594	20.022	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	278953	20.143	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	277809	19.568	ug/l	99
89) n-Butylbenzene	12.38	91	415964	19.355	ug/l	99
90) Hexachloroethane	12.60	117	69141	19.636	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	281228	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36652	20.955	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192245	20.117	ug/l	98
94) Hexachlorobutadiene	13.78	225	93657	20.793	ug/l	98
95) Naphthalene	13.83	128	602987	19.770	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	195400	19.804	ug/l	100

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

