

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006312.D
 Acq On : 06 Dec 2018 12:32
 Operator : JC/MD
 Sample : VX1206MBS01
 Misc : 5.0µl/10mL/100µL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:04 AM

Quant Time: Dec 07 05:00:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	690465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1044306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	937161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	330687	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	318067	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.71	98	1144448	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
62) 4-Bromofluorobenzene	11.13	95	423540	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126543	18.718	ug/l	96
3) Chloromethane	1.33	50	119853	17.251	ug/l	96
4) Vinyl Chloride	1.41	62	132897	17.774	ug/l	98
5) Bromomethane	1.64	94	89367	17.246	ug/l	97
6) Chloroethane	1.72	64	86043	18.768	ug/l	98
7) Trichlorofluoromethane	1.93	101	207517	18.080	ug/l	97
8) Diethyl Ether	2.19	74	79078	18.204	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117626	18.023	ug/l	98
10) Methyl Iodide	2.51	142	150074	15.258	ug/l	99
11) Tert butyl alcohol	3.07	59	171180	88.804	ug/l	100
12) 1,1-Dichloroethene	2.38	96	109932	17.595	ug/l	92
13) Acrolein	2.29	56	91807	87.139	ug/l	100
14) Allyl chloride	2.73	41	208046	16.857	ug/l	98
15) Acrylonitrile	3.15	53	357084	88.772	ug/l	99
16) Acetone	2.45	43	289836	87.621	ug/l	97
17) Carbon Disulfide	2.57	76	306087	15.899	ug/l	98
18) Methyl Acetate	2.78	43	203518	18.398	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	397556	17.837	ug/l	99
20) Methylene Chloride	2.86	84	122861	17.452	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	117659	17.672	ug/l	93
22) Diisopropyl ether	3.87	45	354798	18.405	ug/l	95
23) Vinyl Acetate	3.82	43	1486152	90.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205985	18.695	ug/l	99
25) 2-Butanone	4.70	43	431037	91.325	ug/l	98
26) 2,2-Dichloropropane	4.59	77	188171	18.505	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	137090	18.459	ug/l	99
28) Bromochloromethane	5.02	49	93196	19.364	ug/l	97
29) Tetrahydrofuran	5.15	42	294908	89.904	ug/l	99
30) Chloroform	5.22	83	218073	18.833	ug/l	96
31) Cyclohexane	5.57	56	180117	17.688	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	198691	18.035	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154444	17.562	ug/l	99
37) Ethyl Acetate	4.85	43	167874	17.046	ug/l	97
38) Carbon Tetrachloride	5.78	117	181707	17.564	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196639	17.226	ug/l	99
40) Benzene	6.15	78	481474	18.280	ug/l	98
41) Methacrylonitrile	5.06	41	91649	16.912	ug/l	97
42) 1,2-Dichloroethane	6.20	62	161176	18.697	ug/l	98
43) Isopropyl Acetate	6.46	43	276583	16.844	ug/l	99
44) Trichloroethene	7.21	130	142985	17.920	ug/l	98
45) 1,2-Dichloropropane	7.52	63	120559	18.010	ug/l	97
46) Dibromomethane	7.66	93	88771	18.361	ug/l	97
47) Bromodichloromethane	7.90	83	162737	17.382	ug/l	98
48) Methyl methacrylate	7.77	41	139995	17.525	ug/l	99
49) 1,4-Dioxane	7.75	88	72762	369.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	853734	89.314	ug/l	98
52) Toluene	8.79	92	311188	17.958	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	183552	16.764	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	195895	17.230	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130826	18.584	ug/l	99
56) Ethyl methacrylate	9.18	69	196778	17.880	ug/l	99
57) 1,3-Dichloropropane	9.37	76	203959	18.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	517315	92.630	ug/l	98
59) 2-Hexanone	9.49	43	654065	89.562	ug/l	99
60) Dibromochloromethane	9.59	129	148993	17.164	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141755	18.009	ug/l	100
64) Tetrachloroethene	9.34	164	129609	18.364	ug/l	99
65) Chlorobenzene	10.14	112	369160	18.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139390	18.034	ug/l	99
67) Ethyl Benzene	10.25	91	594731	17.975	ug/l	100
68) m/p-Xylenes	10.36	106	476768	35.972	ug/l	99
69) o-Xylene	10.70	106	235713	18.005	ug/l	99
70) Styrene	10.71	104	376217	17.768	ug/l	99
71) Bromoform	10.86	173	117463	16.099	ug/l	100
73) Isopropylbenzene	11.02	105	620008	19.106	ug/l	100
74) N-amyl acetate	10.90	43	242095	17.325	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	195839	18.864	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	186792m	20.595	ug/l	
77) Bromobenzene	11.26	156	169148	18.782	ug/l	99
78) n-propylbenzene	11.36	91	674989	18.712	ug/l	100
79) 2-Chlorotoluene	11.42	91	405655	18.920	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	513411	19.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63310	16.381	ug/l	94
82) 4-Chlorotoluene	11.51	91	460356	18.468	ug/l	100
83) tert-Butylbenzene	11.77	119	545041	18.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	523548	18.779	ug/l	100
85) sec-Butylbenzene	11.94	105	619368	18.899	ug/l	99
86) p-Isopropyltoluene	12.07	119	545260	18.476	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297935	18.593	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294977	18.136	ug/l	98
89) n-Butylbenzene	12.39	91	453319	18.003	ug/l	100
90) Hexachloroethane	12.60	117	103757	17.251	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	295266	18.566	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45543	17.113	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	205944	17.750	ug/l	99
94) Hexachlorobutadiene	13.78	225	96326	18.773	ug/l	100
95) Naphthalene	13.83	128	658747	18.252	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205898	17.916	ug/l	100

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

