

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003854.D
 Acq On : 03 Aug 2018 17:47
 Operator : JC/MD
 Sample : VX0805MBS01
 Misc : 5.0µ/10mL/100uL5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2018 10:47:32 AM

Quant Time: Aug 03 19:02:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	95261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	133975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	120973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	59611	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	5.50	113	52448	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.72	98	191626	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.14	95	67788	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18478	20.54	ug/l	99
3) Chloromethane	1.32	50	23338	16.32	ug/l	98
4) Vinyl Chloride	1.40	62	22278	18.61	ug/l	100
5) Bromomethane	1.64	94	10585	18.48	ug/l	99
6) Chloroethane	1.72	64	9433	12.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	23927	15.83	ug/l	97
8) Diethyl Ether	2.19	74	9325	13.74	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	18141	19.17	ug/l	98
10) Methyl Iodide	2.51	142	24284	18.18	ug/l	98
11) Tert butyl alcohol	3.07	59	24201	88.96	ug/l	100
12) 1,1-Dichloroethene	2.37	96	17074	18.18	ug/l	99
13) Acrolein	2.29	56	15973	70.06	ug/l	99
14) Allyl chloride	2.73	41	32395	18.43	ug/l	99
15) Acrylonitrile	3.15	53	55412	85.59	ug/l	99
16) Acetone	2.45	43	55293	83.65	ug/l	100
17) Carbon Disulfide	2.57	76	45928	17.31	ug/l	99
18) Methyl Acetate	2.78	43	26447	17.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	58774	17.69	ug/l	99
20) Methylene Chloride	2.86	84	20222	17.39	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	18843	17.98	ug/l	93
22) Diisopropyl ether	3.88	45	72128	21.18	ug/l	90
23) Vinyl Acetate	3.82	43	301374	106.48	ug/l	95
24) 1,1-Dichloroethane	3.70	63	34900	18.33	ug/l	98
25) 2-Butanone	4.71	43	99005	88.15	ug/l	99
26) 2,2-Dichloropropane	4.58	77	25573	19.94	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	22083	18.35	ug/l	96
28) Bromochloromethane	5.02	49	17583	19.37	ug/l	98
29) Tetrahydrofuran	5.17	42	55589	96.82	ug/l	98
30) Chloroform	5.21	83	39409	19.81	ug/l	96
31) Cyclohexane	5.57	56	31946	20.01	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	32363	19.79	ug/l	97
36) 1,1-Dichloropropene	5.80	75	29280	20.53	ug/l	99
37) Ethyl Acetate	4.86	43	30371	18.20	ug/l	99
38) Carbon Tetrachloride	5.78	117	27065	19.12	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32225	20.50	ug/l	95
40) Benzene	6.14	78	86549	19.40	ug/l	99
41) Methacrylonitrile	5.06	41	17659	19.55	ug/l	100
42) 1,2-Dichloroethane	6.20	62	27972	18.68	ug/l	100
43) Isopropyl Acetate	6.47	43	45715	18.23	ug/l	99
44) Trichloroethene	7.21	130	24639	20.58	ug/l	82
45) 1,2-Dichloropropane	7.52	63	22129	19.10	ug/l	96
46) Dibromomethane	7.67	93	13657	18.27	ug/l	98
47) Bromodichloromethane	7.90	83	25431	18.13	ug/l	100
48) Methyl methacrylate	7.78	41	22959	18.18	ug/l	100
49) 1,4-Dioxane	7.76	88	10911	364.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	192942	92.25	ug/l	99
52) Toluene	8.79	92	53267	19.47	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28476	18.61	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32001	19.21	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	21469	18.44	ug/l	99
56) Ethyl methacrylate	9.18	69	31161	19.12	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35476	18.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	78116	93.19	ug/l	99
59) 2-Hexanone	9.50	43	149244	93.13	ug/l	100
60) Dibromochloromethane	9.59	129	20890	18.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	22880	19.13	ug/l	98
64) Tetrachloroethene	9.34	164	22390	20.45	ug/l	95
65) Chlorobenzene	10.14	112	59890	20.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	20992	20.00	ug/l	100
67) Ethyl Benzene	10.26	91	98907	20.75	ug/l	99
68) m/p-Xylenes	10.36	106	77911	41.81	ug/l	100
69) o-Xylene	10.70	106	37179	20.70	ug/l	100
70) Styrene	10.71	104	63460	21.27	ug/l	100
71) Bromoform	10.86	173	16343	18.77	ug/l #	99
73) Isopropylbenzene	11.02	105	101335	21.83	ug/l	100
74) N-amyl acetate	6.47	43	45715	19.86	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	33997	20.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	29561m	20.26	ug/l	
77) Bromobenzene	11.26	156	27851	21.03	ug/l	99
78) n-propylbenzene	11.36	91	115309	21.96	ug/l	99
79) 2-Chlorotoluene	11.42	91	68590	21.12	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	85677	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	9562	20.65	ug/l	97
82) 4-Chlorotoluene	11.51	91	80515	21.43	ug/l	99
83) tert-Butylbenzene	11.77	119	84401	21.55	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	87943	21.83	ug/l	100
85) sec-Butylbenzene	11.95	105	99845	22.07	ug/l	100
86) p-Isopropyltoluene	12.07	119	90103	21.98	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	50421	20.48	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	51688	20.31	ug/l	98
89) n-Butylbenzene	12.39	91	74517	21.21	ug/l	100
90) Hexachloroethane	12.60	117	13228	19.92	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	50987	20.27	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6950	18.59	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	36608	20.54	ug/l	100
94) Hexachlorobutadiene	13.79	225	17139	20.37	ug/l	98
95) Naphthalene	13.83	128	108257	20.86	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	37536	20.24	ug/l	99

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

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