

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006087.D
 Acq On : 19 Nov 2018 13:28
 Operator : JC/MD
 Sample : VX1119MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 9:59:38 AM

Quant Time: Nov 19 15:09:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	176029	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74084	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	64813	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.51	113	56495	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	171160	43.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.00%	
62) 4-Bromofluorobenzene	11.14	95	63401	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	17380	16.14	ug/l	100
3) Chloromethane	1.32	50	23209	16.42	ug/l	99
4) Vinyl Chloride	1.40	62	23302	16.42	ug/l	96
5) Bromomethane	1.64	94	13365	15.39	ug/l	88
6) Chloroethane	1.72	64	16172	19.10	ug/l	94
7) Trichlorofluoromethane	1.93	101	31566	16.76	ug/l	100
8) Diethyl Ether	2.18	74	14258	19.32	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19396	17.91	ug/l	100
10) Methyl Iodide	2.51	142	21923	16.70	ug/l	98
11) Tert butyl alcohol	3.06	59	32080	81.56	ug/l	99
12) 1,1-Dichloroethene	2.37	96	18359	17.39	ug/l	89
13) Acrolein	2.29	56	17174	103.72	ug/l	98
14) Allyl chloride	2.73	41	41619	17.65	ug/l	99
15) Acrylonitrile	3.15	53	79901	98.02	ug/l	99
16) Acetone	2.45	43	69476	93.98	ug/l	95
17) Carbon Disulfide	2.57	76	48808	15.50	ug/l	99
18) Methyl Acetate	2.78	43	41813	20.22	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	70706	19.62	ug/l	95
20) Methylene Chloride	2.85	84	22833	18.80	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	19406	17.43	ug/l	93
22) Diisopropyl ether	3.87	45	77238	18.70	ug/l	89
23) Vinyl Acetate	3.82	43	311582	87.98	ug/l	98
24) 1,1-Dichloroethane	3.69	63	42400	19.24	ug/l	98
25) 2-Butanone	4.70	43	106302	91.46	ug/l	98
26) 2,2-Dichloropropane	4.59	77	29735	18.40	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	23191	18.86	ug/l	97
28) Bromochloromethane	5.01	49	20258	20.57	ug/l	94
29) Tetrahydrofuran	5.15	42	66435	89.02	ug/l	96
30) Chloroform	5.22	83	41350	19.45	ug/l	99
31) Cyclohexane	5.58	56	31142	16.28	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	33154	18.70	ug/l	98
36) 1,1-Dichloropropene	5.80	75	26947	15.88	ug/l	97
37) Ethyl Acetate	4.86	43	36977	16.57	ug/l	100
38) Carbon Tetrachloride	5.79	117	28464	16.75	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24622	14.32	ug/l	97
40) Benzene	6.15	78	86028	17.39	ug/l	99
41) Methacrylonitrile	5.06	41	21235	17.61	ug/l	97
42) 1,2-Dichloroethane	6.20	62	30034	16.95	ug/l	99
43) Isopropyl Acetate	6.46	43	53274	16.48	ug/l	97
44) Trichloroethene	7.22	130	22403	17.83	ug/l	95
45) 1,2-Dichloropropane	7.52	63	20538	17.10	ug/l	98
46) Dibromomethane	7.66	93	12845	17.05	ug/l	96
47) Bromodichloromethane	7.90	83	25509	17.91	ug/l	95
48) Methyl methacrylate	7.77	41	23234	16.00	ug/l	98
49) 1,4-Dioxane	7.75	88	9480	303.00	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	169060	82.96	ug/l	99
52) Toluene	8.79	92	44357	16.04	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	26259	15.63	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	29058	16.97	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	19453	15.79	ug/l	95
56) Ethyl methacrylate	9.18	69	26614	14.44	ug/l	99
57) 1,3-Dichloropropane	9.37	76	32219	15.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	74628	80.10	ug/l	100
59) 2-Hexanone	9.49	43	130235	72.50	ug/l	99
60) Dibromochloromethane	9.59	129	20710	15.55	ug/l	100
61) 1,2-Dibromoethane	9.67	107	19985	14.67	ug/l	100
64) Tetrachloroethene	9.34	164	20897	18.42	ug/l	98
65) Chlorobenzene	10.14	112	51459	19.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	18863	20.33	ug/l	97
67) Ethyl Benzene	10.25	91	84587	19.77	ug/l	100
68) m/p-Xylenes	10.36	106	65744	40.28	ug/l	99
69) o-Xylene	10.70	106	31054	21.22	ug/l	99
70) Styrene	10.71	104	53129	22.00	ug/l	99
71) Bromoform	10.86	173	17211	22.13	ug/l #	100
73) Isopropylbenzene	11.02	105	87698	20.47	ug/l	99
74) N-amyl acetate	10.90	43	38050	16.68	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	31150	19.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	30047m	19.92	ug/l	
77) Bromobenzene	11.26	156	24140	19.99	ug/l	97
78) n-propylbenzene	11.36	91	100386	19.88	ug/l	100
79) 2-Chlorotoluene	11.42	91	61223	20.06	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	73749	20.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9135	19.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	70714	19.66	ug/l	98
83) tert-Butylbenzene	11.77	119	72274	19.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	75987	18.84	ug/l	100
85) sec-Butylbenzene	11.94	105	88754	19.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	79027	19.81	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	43348	18.70	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	44503	18.76	ug/l	99
89) n-Butylbenzene	12.39	91	67048	18.13	ug/l	99
90) Hexachloroethane	12.60	117	12913	19.39	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	44167	19.02	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7183	18.72	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	32259	19.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	15650	18.23	ug/l	99
95) Naphthalene	13.83	128	97236	18.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	33940	20.38	ug/l	97

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

