

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005994.D
 Acq On : 15 Nov 2018 01:01
 Operator : JC/MD
 Sample : VX1114MBS02
 Misc : 5.0g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS02

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:04:05 PM

Quant Time: Nov 15 06:33:01 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	117213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	162819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65889	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	5.50	113	54075	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	186037	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	11.14	95	68609	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	18085	17.11	ug/l	100
3) Chloromethane	1.32	50	24640	17.77	ug/l	98
4) Vinyl Chloride	1.40	62	25295	18.17	ug/l	99
5) Bromomethane	1.64	94	16068	18.86	ug/l	96
6) Chloroethane	1.72	64	16454	19.81	ug/l	90
7) Trichlorofluoromethane	1.93	101	34341	18.58	ug/l	100
8) Diethyl Ether	2.19	74	14826	20.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19735	18.57	ug/l	99
10) Methyl Iodide	2.51	142	22403	17.39	ug/l	100
11) Tert butyl alcohol	3.07	59	38627	100.07	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19123	18.46	ug/l	83
13) Acrolein	2.29	56	25171	145.44	ug/l	98
14) Allyl chloride	2.73	41	45351	19.60	ug/l	97
15) Acrylonitrile	3.14	53	83316	104.15	ug/l	100
16) Acetone	2.45	43	71270	98.23	ug/l #	87
17) Carbon Disulfide	2.57	76	57665	18.66	ug/l	97
18) Methyl Acetate	2.78	43	43665	21.62	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	72389	20.47	ug/l	100
20) Methylene Chloride	2.86	84	24950	20.93	ug/l	82
21) trans-1,2-Dichloroethene	3.17	96	21379	19.56	ug/l	93
22) Diisopropyl ether	3.87	45	83767	20.67	ug/l #	92
23) Vinyl Acetate	3.82	43	340890	98.09	ug/l	98
24) 1,1-Dichloroethane	3.70	63	42997	19.88	ug/l	97
25) 2-Butanone	4.70	43	111689	97.92	ug/l	94
26) 2,2-Dichloropropane	4.58	77	29178	18.39	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	24751	20.51	ug/l	99
28) Bromochloromethane	5.02	49	21035	21.76	ug/l	94
29) Tetrahydrofuran	5.15	42	75495	103.08	ug/l	98
30) Chloroform	5.21	83	45224	21.68	ug/l	89
31) Cyclohexane	5.57	56	34180	18.21	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	34420	19.78	ug/l	98
36) 1,1-Dichloropropene	5.80	75	28644	18.25	ug/l	96
37) Ethyl Acetate	4.85	43	42154	20.42	ug/l	99
38) Carbon Tetrachloride	5.78	117	28195	17.94	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29350	18.45	ug/l	91
40) Benzene	6.14	78	88462	19.33	ug/l	95
41) Methacrylonitrile	5.06	41	24262	21.75	ug/l	96
42) 1,2-Dichloroethane	6.20	62	32792	20.01	ug/l	99
43) Isopropyl Acetate	6.45	43	57964	19.38	ug/l	99
44) Trichloroethene	7.21	130	21487	18.49	ug/l	99
45) 1,2-Dichloropropane	7.52	63	22284	20.06	ug/l	99
46) Dibromomethane	7.66	93	14583	20.92	ug/l	99
47) Bromodichloromethane	7.90	83	27236	20.68	ug/l	98
48) Methyl methacrylate	7.77	41	28192	20.99	ug/l	99
49) 1,4-Dioxane	7.75	88	12105	418.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	193562	102.69	ug/l	100
52) Toluene	8.79	92	49500	19.36	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28658	18.44	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	31703	20.01	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	21569	18.92	ug/l	99
56) Ethyl methacrylate	9.18	69	31962	18.74	ug/l	100
57) 1,3-Dichloropropane	9.37	76	35835	18.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	93911	105.99	ug/l	99
59) 2-Hexanone	9.49	43	150418	90.53	ug/l	99
60) Dibromochloromethane	9.59	129	21313	17.30	ug/l	100
61) 1,2-Dibromoethane	9.67	107	21998	17.45	ug/l	99
64) Tetrachloroethene	9.34	164	22602	18.29	ug/l	98
65) Chlorobenzene	10.14	112	56224	19.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	20465	20.25	ug/l	98
67) Ethyl Benzene	10.25	91	93473	20.05	ug/l	100
68) m/p-Xylenes	10.36	106	72214	40.61	ug/l	99
69) o-Xylene	10.70	106	34945	21.92	ug/l	99
70) Styrene	10.71	104	57823	21.98	ug/l	99
71) Bromoform	10.86	173	17763	20.97	ug/l #	97
73) Isopropylbenzene	11.02	105	95990	21.12	ug/l	99
74) N-amyl acetate	10.90	43	46934	19.19	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	34366	20.60	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	33522m	20.94	ug/l	
77) Bromobenzene	11.26	156	25575	19.96	ug/l	99
78) n-propylbenzene	11.36	91	107916	20.14	ug/l	100
79) 2-Chlorotoluene	11.42	91	66019	20.39	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	80231	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9338	18.59	ug/l	94
82) 4-Chlorotoluene	11.51	91	78291	20.51	ug/l	99
83) tert-Butylbenzene	11.77	119	78909	20.19	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	83169	19.43	ug/l	100
85) sec-Butylbenzene	11.94	105	94370	19.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	83892	19.82	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	46757	19.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	46977	18.66	ug/l	97
89) n-Butylbenzene	12.39	91	70281	17.91	ug/l	99
90) Hexachloroethane	12.60	117	13822	19.56	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	47344	19.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8197	20.13	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	33184	19.13	ug/l	100
94) Hexachlorobutadiene	13.78	225	15869	17.42	ug/l	98
95) Naphthalene	13.83	128	103676	19.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34613	19.59	ug/l	99

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

