

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002378.D
 Acq On : 07 Jun 2018 15:27
 Operator : JC/MD
 Sample : VX0607MBS01
 Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:24 PM

Quant Time: Jun 07 16:25:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	76832	20.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.94%	
35) Dibromofluoromethane	5.51	113	58378	21.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.78%	
50) Toluene-d8	8.72	98	224047	21.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.84%	
62) 4-Bromofluorobenzene	11.14	95	82378	20.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50784	20.468	ug/l	99
3) Chloromethane	1.32	50	59851	19.289	ug/l	99
4) Vinyl Chloride	1.41	62	64356	20.580	ug/l	99
5) Bromomethane	1.64	94	38304	19.617	ug/l	98
6) Chloroethane	1.73	64	42967	21.241	ug/l	98
7) Trichlorofluoromethane	1.93	101	108800	22.836	ug/l	98
8) Diethyl Ether	2.19	74	39416	21.935	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60619	23.577	ug/l	99
10) Methyl Iodide	2.51	142	57133	15.798	ug/l	100
11) Tert butyl alcohol	3.07	59	73395	92.450	ug/l	98
12) 1,1-Dichloroethene	2.38	96	53925	21.223	ug/l	94
13) Acrolein	2.30	56	27320	73.736	ug/l	99
14) Allyl chloride	2.73	41	105318	19.099	ug/l	98
15) Acrylonitrile	3.15	53	161720	105.739	ug/l	100
16) Acetone	2.45	43	168293	103.406	ug/l	99
17) Carbon Disulfide	2.57	76	116612	17.413	ug/l	98
18) Methyl Acetate	2.78	43	79176	21.624	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	203447	21.637	ug/l	99
20) Methylene Chloride	2.86	84	61176	21.069	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	57247	20.430	ug/l	97
22) Diisopropyl ether	3.88	45	184850	19.148	ug/l	99
23) Vinyl Acetate	3.83	43	784090	87.714	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109732	20.134	ug/l	100
25) 2-Butanone	4.71	43	212009	90.592	ug/l	97
26) 2,2-Dichloropropane	4.59	77	73460	17.243	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	57592	18.899	ug/l	96
28) Bromochloromethane	5.03	49	49610	19.211	ug/l	99
29) Tetrahydrofuran	5.17	42	135488	89.795	ug/l	99
30) Chloroform	5.22	83	99279	18.878	ug/l	95
31) Cyclohexane	5.58	56	87893	20.395	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	86020	19.287	ug/l	99
36) 1,1-Dichloropropene	5.81	75	73054	20.023	ug/l	99
37) Ethyl Acetate	4.87	43	83160	18.953	ug/l	99
38) Carbon Tetrachloride	5.79	117	72303	18.943	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88364	19.763	ug/l	98
40) Benzene	6.15	78	218098	19.496	ug/l	99
41) Methacrylonitrile	5.07	41	46688	18.588	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86782	19.525	ug/l	99
43) Isopropyl Acetate	6.47	43	135002	18.115	ug/l	100
44) Trichloroethene	7.22	130	60441	19.467	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55524	18.385	ug/l	97
46) Dibromomethane	7.66	93	38416	18.764	ug/l	98
47) Bromodichloromethane	7.90	83	66053	17.839	ug/l	98
48) Methyl methacrylate	7.78	41	70381	18.801	ug/l	99
49) 1,4-Dioxane	7.76	88	25596	365.687	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	443274	95.512	ug/l	100
52) Toluene	8.79	92	140195	19.704	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	80068	18.032	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71838	17.148	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56951	19.462	ug/l	99
56) Ethyl methacrylate	9.18	69	87303	18.686	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95341	19.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	210185	97.201	ug/l	99
59) 2-Hexanone	9.50	43	337928	94.268	ug/l	100
60) Dibromochloromethane	9.59	129	51501	17.497	ug/l	99
61) 1,2-Dibromoethane	9.68	107	58972	19.327	ug/l	99
64) Tetrachloroethene	9.34	164	67192	19.892	ug/l	97
65) Chlorobenzene	10.14	112	160366	19.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54770	18.560	ug/l	99
67) Ethyl Benzene	10.26	91	277942	20.379	ug/l	99
68) m/p-Xylenes	10.36	106	211430	39.879	ug/l	100
69) o-Xylene	10.70	106	104347	19.777	ug/l	100
70) Styrene	10.72	104	168932	19.586	ug/l	99
71) Bromoform	10.86	173	36515	16.318	ug/l #	99
73) Isopropylbenzene	11.02	105	283942	20.352	ug/l	100
74) N-amyl acetate	6.47	43	135002	17.958	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82949	18.904	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81750m	18.576	ug/l	
77) Bromobenzene	11.26	156	74660	19.062	ug/l	99
78) n-propylbenzene	11.37	91	319881	20.628	ug/l	99
79) 2-Chlorotoluene	11.43	91	189018	19.304	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	237485	19.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18410	14.664	ug/l #	83
82) 4-Chlorotoluene	11.51	91	218978	19.375	ug/l	99
83) tert-Butylbenzene	11.77	119	236390	20.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247161	20.065	ug/l	100
85) sec-Butylbenzene	11.95	105	289728	21.208	ug/l	99
86) p-Isopropyltoluene	12.07	119	257588	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135301	19.320	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	135162	18.724	ug/l	98
89) n-Butylbenzene	12.39	91	215490	20.648	ug/l	100
90) Hexachloroethane	12.60	117	33807	17.020	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	140039	19.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16602	17.302	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	97647	19.219	ug/l	99
94) Hexachlorobutadiene	13.79	225	53541	21.325	ug/l	98
95) Naphthalene	13.84	128	290103	19.873	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102110	19.706	ug/l	99

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

