

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006287.D
 Acq On : 04 Dec 2018 19:08
 Operator : JC/MD
 Sample : J6139-03MSD
 Misc : 5.93g/5mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0483MSD

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:12:06 AM

Quant Time: Dec 05 01:19:52 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	5.66	168	616398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	925043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	821299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468267	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	325650	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
35) Dibromofluoromethane	5.51	113	316588	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	8.71	98	1099906	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	431063	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	275228	45.602	ug/l	100
3) Chloromethane	1.33	50	258044	41.605	ug/l	97
4) Vinyl Chloride	1.41	62	276390	41.406	ug/l	94
5) Bromomethane	1.64	94	91364	19.750	ug/l	99
6) Chloroethane	1.71	64	149572	36.545	ug/l	97
7) Trichlorofluoromethane	1.88	101	267621	26.118	ug/l	98
8) Diethyl Ether	2.20	74	182591	47.085	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.34	101	260559	44.721	ug/l	98
10) Methyl Iodide	2.48	142	162102	18.462	ug/l	100
11) Tert butyl alcohol	3.14	59	13349	7.757	ug/l #	73
12) 1,1-Dichloroethene	2.34	96	249844	44.795	ug/l	94
13) Acrolein	2.31	56	181434	192.903	ug/l	99
14) Allyl chloride	2.71	41	390783	35.468	ug/l	88
15) Acrylonitrile	3.18	53	790392	220.105	ug/l	99
16) Acetone	2.49	43	681169	230.670	ug/l	100
17) Carbon Disulfide	2.53	76	723564	42.100	ug/l	100
18) Methyl Acetate	2.80	43	479966	48.602	ug/l	100
19) Methyl tert-butyl Ether	3.23	73	905809	45.524	ug/l	98
20) Methylene Chloride	2.84	84	277747	44.194	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	273889	46.080	ug/l	94
22) Diisopropyl ether	3.90	45	792597	46.056	ug/l	94
23) Vinyl Acetate	3.83	43	2926359	199.367	ug/l	100
24) 1,1-Dichloroethane	3.68	63	474898	48.279	ug/l	98
25) 2-Butanone	4.74	43	919730	218.281	ug/l	98
26) 2,2-Dichloropropane	4.57	77	403505	44.449	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	349618	52.733	ug/l	97
28) Bromochloromethane	5.01	49	204903	47.690	ug/l	98
29) Tetrahydrofuran	5.18	42	628904	214.762	ug/l	98
30) Chloroform	5.21	83	480769	46.510	ug/l	97
31) Cyclohexane	5.56	56	392338	43.159	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	442891	45.031	ug/l	99
36) 1,1-Dichloropropene	5.79	75	348641	44.756	ug/l	99
37) Ethyl Acetate	4.88	43	394303	45.200	ug/l	99
38) Carbon Tetrachloride	5.77	117	408961	44.627	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	440639	43.578	ug/l	99
40) Benzene	6.13	78	1066985	45.732	ug/l	98
41) Methacrylonitrile	5.09	41	197631	41.172	ug/l	96
42) 1,2-Dichloroethane	6.20	62	354055	46.367	ug/l	99
43) Isopropyl Acetate	6.48	43	628326	43.200	ug/l	100
44) Trichloroethene	7.21	130	352879	49.926	ug/l	93
45) 1,2-Dichloropropane	7.51	63	262506	44.270	ug/l	97
46) Dibromomethane	7.66	93	194574	45.435	ug/l	99
47) Bromodichloromethane	7.90	83	375409	45.267	ug/l	99
48) Methyl methacrylate	7.78	41	307003	43.388	ug/l	98
49) 1,4-Dioxane	7.80	88	155240	890.167	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1873039	221.213	ug/l	98
52) Toluene	8.78	92	679659	44.279	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	425162	43.836	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	449502	44.632	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	291441	46.736	ug/l	99
56) Ethyl methacrylate	9.19	69	437907	44.920	ug/l	98
57) 1,3-Dichloropropane	9.37	76	449603	45.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1188656	240.281	ug/l	99
59) 2-Hexanone	9.51	43	1456618	225.172	ug/l	100
60) Dibromochloromethane	9.59	129	342970	44.603	ug/l	100
61) 1,2-Dibromoethane	9.68	107	313930	45.023	ug/l	99
64) Tetrachloroethene	9.34	164	276172	44.651	ug/l	99
65) Chlorobenzene	10.14	112	803964	46.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	314834	46.478	ug/l	99
67) Ethyl Benzene	10.25	91	1312695	45.270	ug/l	99
68) m/p-Xylenes	10.36	106	1045452	90.007	ug/l	99
69) o-Xylene	10.70	106	526349	45.877	ug/l	100
70) Styrene	10.71	104	863497	46.534	ug/l	99
71) Bromoform	10.87	173	287502	44.961	ug/l	99
73) Isopropylbenzene	11.02	105	1379044	42.645	ug/l	100
74) N-amyl acetate	10.90	43	593622	42.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	470044	45.434	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	455806m	50.430	ug/l	
77) Bromobenzene	11.26	156	387701	43.201	ug/l	99
78) n-propylbenzene	11.36	91	1555807	43.281	ug/l	100
79) 2-Chlorotoluene	11.42	91	927558	43.414	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1162947	43.222	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	157541	40.904	ug/l	93
82) 4-Chlorotoluene	11.51	91	1088845	43.833	ug/l	99
83) tert-Butylbenzene	11.77	119	1247607	43.459	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1199538	43.175	ug/l	99
85) sec-Butylbenzene	11.94	105	1428843	43.750	ug/l	99
86) p-Isopropyltoluene	12.07	119	1314451	44.696	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	721201	45.164	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	734145	45.296	ug/l	100
89) n-Butylbenzene	12.39	91	1135036	45.234	ug/l	100
90) Hexachloroethane	12.60	117	259648	43.320	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	733319	46.271	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	112937	42.585	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	560740	48.497	ug/l	99
94) Hexachlorobutadiene	13.79	225	249847	48.862	ug/l	98
95) Naphthalene	13.83	128	1744878	48.515	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	565116	49.346	ug/l	99

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

