

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006022.D
 Acq On : 15 Nov 2018 16:13
 Operator : JC/MD
 Sample : VX1115MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:52:12 AM

Quant Time: Nov 16 00:36:05 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	122072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	176426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71152	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	5.50	113	60537	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	218037	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
62) 4-Bromofluorobenzene	11.14	95	80087	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	19448	17.67	ug/l	100
3) Chloromethane	1.32	50	25215	17.46	ug/l	98
4) Vinyl Chloride	1.40	62	25137	17.34	ug/l	99
5) Bromomethane	1.64	94	15482	17.45	ug/l	95
6) Chloroethane	1.72	64	16019	18.51	ug/l	99
7) Trichlorofluoromethane	1.93	101	35700	18.55	ug/l	100
8) Diethyl Ether	2.19	74	15106	20.03	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20445	18.47	ug/l	99
10) Methyl Iodide	2.51	142	22758	16.96	ug/l	100
11) Tert butyl alcohol	3.06	59	39421	98.06	ug/l	99
12) 1,1-Dichloroethene	2.37	96	19292	17.88	ug/l	97
13) Acrolein	2.29	56	26392	146.29	ug/l	98
14) Allyl chloride	2.73	41	45270	18.79	ug/l	98
15) Acrylonitrile	3.15	53	83001	99.62	ug/l	99
16) Acetone	2.45	43	71356	94.43	ug/l	98
17) Carbon Disulfide	2.57	76	50970	15.84	ug/l	97
18) Methyl Acetate	2.78	43	43649	20.69	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	75860	20.60	ug/l	99
20) Methylene Chloride	2.86	84	23844	19.21	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	20766	18.25	ug/l	98
22) Diisopropyl ether	3.87	45	81643	19.34	ug/l	91
23) Vinyl Acetate	3.82	43	339876	93.90	ug/l	100
24) 1,1-Dichloroethane	3.69	63	41909	18.61	ug/l	98
25) 2-Butanone	4.70	43	113207	95.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	32288	19.54	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	24675	19.64	ug/l	98
28) Bromochloromethane	5.01	49	22508	22.36	ug/l	100
29) Tetrahydrofuran	5.15	42	74435	97.59	ug/l	99
30) Chloroform	5.21	83	44883	20.66	ug/l	97
31) Cyclohexane	5.57	56	33938	17.36	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	33475	18.47	ug/l	100
36) 1,1-Dichloropropene	5.81	75	29352	17.26	ug/l	97
37) Ethyl Acetate	4.85	43	40379	18.05	ug/l	99
38) Carbon Tetrachloride	5.78	117	29018	17.04	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31210	18.11	ug/l	98
40) Benzene	6.15	78	90008	18.15	ug/l #	90
41) Methacrylonitrile	5.06	41	22466	18.59	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33102	18.64	ug/l	99
43) Isopropyl Acetate	6.46	43	60210	18.58	ug/l	96
44) Trichloroethene	7.21	130	23569	18.72	ug/l	100
45) 1,2-Dichloropropane	7.52	63	24332	20.22	ug/l	98
46) Dibromomethane	7.66	93	14941	19.78	ug/l	99
47) Bromodichloromethane	7.90	83	28379	19.88	ug/l	98
48) Methyl methacrylate	7.77	41	29623	20.36	ug/l	97
49) 1,4-Dioxane	7.75	88	12492	398.38	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	206407	101.06	ug/l	99
52) Toluene	8.79	92	54341	19.61	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	31488	18.70	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	34531	20.12	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	22780	18.45	ug/l	100
56) Ethyl methacrylate	9.18	69	35078	18.98	ug/l	99
57) 1,3-Dichloropropane	9.37	76	38627	18.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	105675	109.75	ug/l	100
59) 2-Hexanone	9.49	43	162732	90.39	ug/l	99
60) Dibromochloromethane	9.59	129	22411	16.79	ug/l	100
61) 1,2-Dibromoethane	9.67	107	23604	17.28	ug/l	100
64) Tetrachloroethene	9.34	164	24204	17.91	ug/l	99
65) Chlorobenzene	10.14	112	62058	19.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	22046	19.95	ug/l	99
67) Ethyl Benzene	10.25	91	103052	20.21	ug/l	100
68) m/p-Xylenes	10.36	106	79885	41.08	ug/l	98
69) o-Xylene	10.70	106	37939	21.76	ug/l	99
70) Styrene	10.71	104	63347	22.02	ug/l	100
71) Bromoform	10.86	173	18320	19.77	ug/l #	97
73) Isopropylbenzene	11.02	105	106057	21.55	ug/l	99
74) N-amyl acetate	10.90	43	51356	19.38	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	37741	20.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	36603m	21.12	ug/l	
77) Bromobenzene	11.26	156	27970	20.16	ug/l	99
78) n-propylbenzene	11.36	91	121312	20.92	ug/l	100
79) 2-Chlorotoluene	11.42	91	73513	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	88313	21.12	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	10919	20.08	ug/l	96
82) 4-Chlorotoluene	11.51	91	85749	20.75	ug/l	100
83) tert-Butylbenzene	11.77	119	86911	20.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	91137	19.67	ug/l	100
85) sec-Butylbenzene	11.94	105	106648	20.61	ug/l	100
86) p-Isopropyltoluene	12.07	119	93772	20.46	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	52165	19.59	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	52422	19.24	ug/l	99
89) n-Butylbenzene	12.39	91	81201	19.12	ug/l	99
90) Hexachloroethane	12.60	117	14424	18.85	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	51541	19.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8638	19.60	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	37512	19.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	18722	18.98	ug/l	98
95) Naphthalene	13.83	128	118778	20.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	38841	20.31	ug/l	100

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

