

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002926.D
 Acq On : 27 Jun 2018 06:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/28/2018 3:18:38 PM

Quant Time: Jun 27 11:32:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143742	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	5.51	113	111626	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
50) Toluene-d8	8.72	98	412471	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
62) 4-Bromofluorobenzene	11.14	95	161166	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	102839	49.30	ug/l	100
3) Chloromethane	1.32	50	112529	52.01	ug/l	99
4) Vinyl Chloride	1.40	62	127246	48.16	ug/l	98
5) Bromomethane	1.64	94	76563	62.77	ug/l	99
6) Chloroethane	1.72	64	84146	54.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	223816	50.22	ug/l	98
8) Diethyl Ether	2.19	74	83455	51.51	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126432	48.96	ug/l	99
10) Methyl Iodide	2.51	142	134766	51.28	ug/l	99
11) Tert butyl alcohol	3.08	59	186790	290.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112185	48.69	ug/l	95
13) Acrolein	2.29	56	88617	248.51	ug/l	99
14) Allyl chloride	2.73	41	221732	48.82	ug/l	97
15) Acrylonitrile	3.15	53	371468	270.35	ug/l	99
16) Acetone	2.45	43	357459	267.30	ug/l	100
17) Carbon Disulfide	2.57	76	284664	46.37	ug/l	99
18) Methyl Acetate	2.78	43	220697	59.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	437031	52.76	ug/l	99
20) Methylene Chloride	2.86	84	131560	50.55	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	122562	48.84	ug/l	94
22) Diisopropyl ether	3.88	45	463192	53.35	ug/l	99
23) Vinyl Acetate	3.83	43	1908526	259.61	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241860	51.26	ug/l	100
25) 2-Butanone	4.71	43	547782	276.01	ug/l	98
26) 2,2-Dichloropropane	4.59	77	117613	30.65	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	142734	50.73	ug/l	91
28) Bromochloromethane	5.02	49	77908	34.49	ug/l	94
29) Tetrahydrofuran	5.17	42	349050	274.26	ug/l	97
30) Chloroform	5.22	83	251760	51.99	ug/l	97
31) Cyclohexane	5.58	56	203482	50.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	223252	52.40	ug/l	99
36) 1,1-Dichloropropene	5.81	75	176361	49.51	ug/l	99
37) Ethyl Acetate	4.87	43	207062	53.99	ug/l	100
38) Carbon Tetrachloride	5.79	117	198465	50.78	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207850	50.10	ug/l	97
40) Benzene	6.15	78	528981	51.11	ug/l	99
41) Methacrylonitrile	5.07	41	118428	53.63	ug/l	98
42) 1,2-Dichloroethane	6.20	62	214200	51.24	ug/l	100
43) Isopropyl Acetate	6.47	43	338459	52.62	ug/l	99
44) Trichloroethene	7.22	130	154331	50.02	ug/l	99
45) 1,2-Dichloropropane	7.52	63	141855	51.67	ug/l	100
46) Dibromomethane	7.66	93	98206	51.55	ug/l	98
47) Bromodichloromethane	7.90	83	188941	53.65	ug/l	98
48) Methyl methacrylate	7.78	41	179748	54.24	ug/l	98
49) 1,4-Dioxane	7.76	88	73870	1145.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1131041	281.07	ug/l	99
52) Toluene	8.79	92	347721	52.45	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	201160	50.43	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	187306	48.80	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143804	52.79	ug/l	98
56) Ethyl methacrylate	9.18	69	217092	54.52	ug/l	97
57) 1,3-Dichloropropane	9.38	76	236780	52.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	535185	278.62	ug/l	99
59) 2-Hexanone	9.50	43	869937	284.45	ug/l	98
60) Dibromochloromethane	9.59	129	155683	54.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	152489	53.36	ug/l	100
64) Tetrachloroethene	9.34	164	179866	50.62	ug/l	99
65) Chlorobenzene	10.14	112	402182	49.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	153139	51.94	ug/l	98
67) Ethyl Benzene	10.26	91	683383	50.97	ug/l	100
68) m/p-Xylenes	10.36	106	533066	103.15	ug/l	99
69) o-Xylene	10.70	106	260541	51.78	ug/l	99
70) Styrene	10.71	104	429220	52.50	ug/l	99
71) Bromoform	10.86	173	122576	46.32	ug/l	98
73) Isopropylbenzene	11.02	105	720554	53.67	ug/l	100
74) N-amyl acetate	6.47	43	338459	51.52	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219320	53.03	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189400m	52.39	ug/l	
77) Bromobenzene	11.26	156	195347	51.09	ug/l	98
78) n-propylbenzene	11.37	91	816595	53.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	483898	52.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	607727	53.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50890	41.46	ug/l	98
82) 4-Chlorotoluene	11.51	91	571539	52.18	ug/l	100
83) tert-Butylbenzene	11.77	119	600211	53.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	625194	53.36	ug/l	98
85) sec-Butylbenzene	11.95	105	734914	54.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	661442	54.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	358753	51.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362307	50.42	ug/l	100
89) n-Butylbenzene	12.39	91	562784	53.20	ug/l	100
90) Hexachloroethane	12.60	117	101459	56.12	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	364855	51.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50133	53.92	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	268058	52.26	ug/l	100
94) Hexachlorobutadiene	13.79	225	136335	53.29	ug/l	99
95) Naphthalene	13.84	128	762708	55.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277588	54.18	ug/l	99

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

