

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002526.D
 Acq On : 14 Jun 2018 00:01
 Operator : JC/MD
 Sample : VX0613MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:26 AM

Quant Time: Jun 14 03:51:42 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	198683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144049	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	5.51	113	110749	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	8.72	98	417836	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	153883	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38932	18.850	ug/l	98
3) Chloromethane	1.32	50	46290	17.706	ug/l	98
4) Vinyl Chloride	1.40	62	51530	19.796	ug/l	97
5) Bromomethane	1.64	94	32454	20.031	ug/l	97
6) Chloroethane	1.72	64	35180	20.893	ug/l	99
7) Trichlorofluoromethane	1.93	101	91999	23.197	ug/l	98
8) Diethyl Ether	2.19	74	33644	22.557	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51642	24.129	ug/l	99
10) Methyl Iodide	2.51	142	51612	17.145	ug/l	99
11) Tert butyl alcohol	3.07	59	72827	114.330	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46348	21.913	ug/l	98
13) Acrolein	2.30	56	18463	57.953	ug/l	99
14) Allyl chloride	2.73	41	90602	19.738	ug/l	99
15) Acrylonitrile	3.15	53	149819	118.816	ug/l	100
16) Acetone	2.45	43	143537	106.462	ug/l	99
17) Carbon Disulfide	2.57	76	91205	16.361	ug/l	99
18) Methyl Acetate	2.78	43	75325	25.121	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	178336	22.917	ug/l	100
20) Methylene Chloride	2.86	84	54226	22.625	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47531	20.378	ug/l	99
22) Diisopropyl ether	3.88	45	158482	19.768	ug/l	99
23) Vinyl Acetate	3.83	43	659699	88.656	ug/l	100
24) 1,1-Dichloroethane	3.70	63	89064	19.632	ug/l	99
25) 2-Butanone	4.71	43	187820	96.413	ug/l	98
26) 2,2-Dichloropropane	4.59	77	50747	14.310	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	49468	19.501	ug/l	92
28) Bromochloromethane	5.02	49	41150	19.129	ug/l	100
29) Tetrahydrofuran	5.17	42	119899	95.461	ug/l	98
30) Chloroform	5.22	83	86559	19.773	ug/l	98
31) Cyclohexane	5.58	56	67955	18.943	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	73668	19.842	ug/l	99
36) 1,1-Dichloropropene	5.81	75	58525	19.201	ug/l	98
37) Ethyl Acetate	4.87	43	71900	19.615	ug/l	99
38) Carbon Tetrachloride	5.79	117	62155	19.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67392	18.065	ug/l	99
40) Benzene	6.15	78	183481	19.633	ug/l	99
41) Methacrylonitrile	5.07	41	40792	19.440	ug/l	98
42) 1,2-Dichloroethane	6.20	62	74839	20.156	ug/l	100
43) Isopropyl Acetate	6.47	43	117812	18.923	ug/l	99
44) Trichloroethene	7.21	130	51089	19.697	ug/l	96
45) 1,2-Dichloropropane	7.52	63	48888	19.377	ug/l	98
46) Dibromomethane	7.67	93	34693	20.284	ug/l	95
47) Bromodichloromethane	7.90	83	59173	19.129	ug/l	99
48) Methyl methacrylate	7.78	41	59824	19.129	ug/l	96
49) 1,4-Dioxane	7.76	88	24738	423.060	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	394560	101.765	ug/l	100
52) Toluene	8.79	92	119390	20.086	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66264	17.863	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	58600	16.744	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	50111	20.498	ug/l	99
56) Ethyl methacrylate	9.18	69	73600	18.857	ug/l	98
57) 1,3-Dichloropropane	9.38	76	81574	19.890	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	180346	99.834	ug/l	100
59) 2-Hexanone	9.50	43	302813	101.115	ug/l	100
60) Dibromochloromethane	9.59	129	46397	18.868	ug/l	99
61) 1,2-Dibromoethane	9.68	107	50447	19.791	ug/l	98
64) Tetrachloroethene	9.34	164	56640	19.579	ug/l	99
65) Chlorobenzene	10.14	112	138564	19.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	48434	19.165	ug/l	98
67) Ethyl Benzene	10.26	91	230946	19.772	ug/l	100
68) m/p-Xylenes	10.36	106	177936	39.189	ug/l	100
69) o-Xylene	10.70	106	86523	19.149	ug/l	99
70) Styrene	10.71	104	143867	19.477	ug/l	100
71) Bromoform	10.86	173	33608	17.279	ug/l #	100
73) Isopropylbenzene	11.02	105	240415	19.729	ug/l	100
74) N-amyl acetate	6.47	43	117812	17.943	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	74499	19.438	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72241m	18.795	ug/l	
77) Bromobenzene	11.26	156	63910	18.682	ug/l	98
78) n-propylbenzene	11.37	91	270409	19.965	ug/l	100
79) 2-Chlorotoluene	11.43	91	163065	19.067	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	199348	19.073	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14797	13.494	ug/l #	80
82) 4-Chlorotoluene	11.51	91	188929	19.139	ug/l	100
83) tert-Butylbenzene	11.77	119	196073	19.264	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	207373	19.274	ug/l	98
85) sec-Butylbenzene	11.95	105	244053	20.454	ug/l	100
86) p-Isopropyltoluene	12.07	119	216627	19.932	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	118195	19.323	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120140	19.055	ug/l	99
89) n-Butylbenzene	12.39	91	184683	20.261	ug/l	99
90) Hexachloroethane	12.60	117	29671	17.102	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	121127	19.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14668	17.501	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	83868	18.899	ug/l	99
94) Hexachlorobutadiene	13.79	225	45880	20.922	ug/l	99
95) Naphthalene	13.84	128	241335	18.928	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88630	19.583	ug/l	99

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

