

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001971.D
 Acq On : 25 May 2018 12:37
 Operator : JC/MD
 Sample : VX0525MBS01
 Misc : 5.0µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:21 PM

Quant Time: May 26 01:46:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240899	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.51	113	185758	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.72	98	676457	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.14	95	258347	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68903	19.094	ug/l	97
3) Chloromethane	1.32	50	81456	19.569	ug/l	100
4) Vinyl Chloride	1.40	62	80859	20.118	ug/l	99
5) Bromomethane	1.64	94	50542	26.875	ug/l	99
6) Chloroethane	1.72	64	47833	20.189	ug/l	98
7) Trichlorofluoromethane	1.93	101	127986	21.204	ug/l	100
8) Diethyl Ether	2.19	74	49490	22.599	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	70912	21.054	ug/l	100
10) Methyl Iodide	2.51	142	95601	20.978	ug/l	100
11) Tert butyl alcohol	3.09	59	113935	120.026	ug/l	99
12) 1,1-Dichloroethene	2.37	96	64695	20.516	ug/l	95
13) Acrolein	2.30	56	42840	104.380	ug/l	100
14) Allyl chloride	2.73	41	142065	21.463	ug/l	99
15) Acrylonitrile	3.15	53	215789	110.547	ug/l	99
16) Acetone	2.45	43	216666	116.093	ug/l	100
17) Carbon Disulfide	2.57	76	184320	20.310	ug/l	99
18) Methyl Acetate	2.78	43	106947	23.178	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	258733	21.815	ug/l	99
20) Methylene Chloride	2.86	84	77725	23.158	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68864	21.532	ug/l	95
22) Diisopropyl ether	3.88	45	276889	20.565	ug/l	99
23) Vinyl Acetate	3.83	43	1252672	112.216	ug/l	99
24) 1,1-Dichloroethane	3.70	63	138978	21.730	ug/l	99
25) 2-Butanone	4.71	43	350372	102.429	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125338	19.362	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	81380	19.791	ug/l	93
28) Bromochloromethane	5.03	49	64492	22.889	ug/l	100
29) Tetrahydrofuran	5.18	42	225174	101.178	ug/l	99
30) Chloroform	5.22	83	140012	19.431	ug/l	98
31) Cyclohexane	5.58	56	124654	18.707	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	130029	19.357	ug/l	99
36) 1,1-Dichloropropene	5.81	75	99904	19.051	ug/l	98
37) Ethyl Acetate	4.87	43	136133	19.912	ug/l	100
38) Carbon Tetrachloride	5.79	117	117586	19.229	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	122896	19.076	ug/l	98
40) Benzene	6.15	78	305189	19.865	ug/l	100
41) Methacrylonitrile	5.07	41	76722	20.462	ug/l	99
42) 1,2-Dichloroethane	6.20	62	121790	19.846	ug/l	99
43) Isopropyl Acetate	6.48	43	230683	20.251	ug/l	99
44) Trichloroethene	7.22	130	88905	19.859	ug/l	99
45) 1,2-Dichloropropane	7.52	63	83020	19.898	ug/l	99
46) Dibromomethane	7.67	93	56520	20.461	ug/l	100
47) Bromodichloromethane	7.90	83	115916	19.681	ug/l	99
48) Methyl methacrylate	7.79	41	115836	19.980	ug/l	98
49) 1,4-Dioxane	7.76	88	43350	424.313	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	716814	104.388	ug/l	98
52) Toluene	8.79	92	189980	19.431	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	132915	19.593	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	129318	19.563	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	81456	19.943	ug/l	98
56) Ethyl methacrylate	9.19	69	137558	19.580	ug/l	99
57) 1,3-Dichloropropane	9.38	76	135789	20.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	323997	104.052	ug/l	100
59) 2-Hexanone	9.50	43	552159	104.284	ug/l	99
60) Dibromochloromethane	9.59	129	96264	19.898	ug/l	99
61) 1,2-Dibromoethane	9.68	107	85436	19.935	ug/l	98
64) Tetrachloroethene	9.34	164	97301	19.394	ug/l	99
65) Chlorobenzene	10.15	112	217555	19.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	86342	19.287	ug/l	99
67) Ethyl Benzene	10.26	91	375416	19.490	ug/l	100
68) m/p-Xylenes	10.37	106	285973	38.838	ug/l	100
69) o-Xylene	10.70	106	142258	19.350	ug/l	100
70) Styrene	10.72	104	235840	19.343	ug/l	99
71) Bromoform	10.87	173	80550	18.976	ug/l #	100
73) Isopropylbenzene	11.02	105	380130	19.637	ug/l	99
74) N-amyl acetate	6.48	43	230683	21.151	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	116820	21.338	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	126872m	23.106	ug/l	
77) Bromobenzene	11.26	156	99813	19.434	ug/l	98
78) n-propylbenzene	11.37	91	420839	19.410	ug/l	100
79) 2-Chlorotoluene	11.43	91	257825	20.309	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	322169	19.474	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42763	18.718	ug/l	98
82) 4-Chlorotoluene	11.52	91	296492	19.389	ug/l	100
83) tert-Butylbenzene	11.77	119	315003	19.404	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	330010	19.303	ug/l	100
85) sec-Butylbenzene	11.95	105	382184	19.584	ug/l	99
86) p-Isopropyltoluene	12.07	119	340614	19.505	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	177474	19.295	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177445	19.296	ug/l	99
89) n-Butylbenzene	12.39	91	283806	19.180	ug/l	99
90) Hexachloroethane	12.60	117	64483	18.720	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	183990	19.632	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	32623	18.955	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130206	19.430	ug/l	99
94) Hexachlorobutadiene	13.79	225	68876	19.106	ug/l	99
95) Naphthalene	13.84	128	413491	20.027	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136501	19.685	ug/l	100

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

