

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001982.D
 Acq On : 25 May 2018 17:30
 Operator : JC/MD
 Sample : VX0525MBSD01
 Misc : 5.00µ/10mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0525MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2018 4:39:23 PM

Quant Time: May 26 03:30:54 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	293135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	256896	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.51	113	200089	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.72	98	737005	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.14	95	288682	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80126	20.648	ug/l	96
3) Chloromethane	1.32	50	88694	19.665	ug/l	97
4) Vinyl Chloride	1.40	62	88979	20.432	ug/l	98
5) Bromomethane	1.64	94	52457	25.701	ug/l	98
6) Chloroethane	1.72	64	54963	21.410	ug/l	98
7) Trichlorofluoromethane	1.93	101	138483	21.175	ug/l	99
8) Diethyl Ether	2.19	74	51321	21.628	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76877	21.066	ug/l	98
10) Methyl Iodide	2.51	142	104188	21.100	ug/l	98
11) Tert butyl alcohol	3.08	59	116474	113.243	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71007	20.782	ug/l	97
13) Acrolein	2.30	56	40080	90.128	ug/l	98
14) Allyl chloride	2.73	41	153355	21.382	ug/l	100
15) Acrylonitrile	3.15	53	224485	106.137	ug/l	100
16) Acetone	2.45	43	230244	113.858	ug/l	98
17) Carbon Disulfide	2.57	76	197107	20.045	ug/l	99
18) Methyl Acetate	2.78	43	110978	22.148	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	273523	21.285	ug/l	100
20) Methylene Chloride	2.86	84	80471	22.051	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	75265	21.734	ug/l	99
22) Diisopropyl ether	3.88	45	296601	20.331	ug/l	99
23) Vinyl Acetate	3.83	43	1309949	108.301	ug/l	98
24) 1,1-Dichloroethane	3.70	63	150107	21.661	ug/l	99
25) 2-Butanone	4.71	43	369765	99.766	ug/l	99
26) 2,2-Dichloropropane	4.59	77	129606	18.478	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	87254	19.584	ug/l	94
28) Bromochloromethane	5.03	49	68609	22.435	ug/l	98
29) Tetrahydrofuran	5.17	42	233910	97.002	ug/l	99
30) Chloroform	5.22	83	151128	19.357	ug/l	99
31) Cyclohexane	5.58	56	130906	18.131	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	140305	19.276	ug/l	98
36) 1,1-Dichloropropene	5.81	75	109896	19.052	ug/l	99
37) Ethyl Acetate	4.87	43	142820	18.992	ug/l	99
38) Carbon Tetrachloride	5.79	117	124806	18.554	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120548	17.011	ug/l	98
40) Benzene	6.15	78	326590	19.326	ug/l	99
41) Methacrylonitrile	5.07	41	79959	19.313	ug/l	99
42) 1,2-Dichloroethane	6.21	62	128689	19.064	ug/l	100
43) Isopropyl Acetate	6.48	43	238141	19.005	ug/l	100
44) Trichloroethene	7.22	130	94077	19.104	ug/l	99
45) 1,2-Dichloropropane	7.52	63	89785	19.564	ug/l	97
46) Dibromomethane	7.67	93	57827	19.031	ug/l	99
47) Bromodichloromethane	7.90	83	120423	18.587	ug/l	99
48) Methyl methacrylate	7.79	41	120244	18.855	ug/l	99
49) 1,4-Dioxane	7.76	88	45318	403.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	739828	97.946	ug/l	99
52) Toluene	8.79	92	206758	19.225	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	141481	18.960	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	136932	18.832	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	84084	18.715	ug/l	98
56) Ethyl methacrylate	9.19	69	141787	18.348	ug/l	98
57) 1,3-Dichloropropane	9.38	76	143150	19.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	336652	98.288	ug/l	100
59) 2-Hexanone	9.50	43	574656	98.667	ug/l	98
60) Dibromochloromethane	9.59	129	97531	18.328	ug/l	100
61) 1,2-Dibromoethane	9.68	107	89321	18.947	ug/l	98
64) Tetrachloroethene	9.34	164	102963	19.099	ug/l	99
65) Chlorobenzene	10.15	112	235151	19.740	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	90302	18.773	ug/l	99
67) Ethyl Benzene	10.26	91	406457	19.638	ug/l	99
68) m/p-Xylenes	10.37	106	308012	38.931	ug/l	100
69) o-Xylene	10.70	106	151386	19.164	ug/l	99
70) Styrene	10.72	104	257392	19.647	ug/l	99
71) Bromoform	10.86	173	81259	17.815	ug/l #	98
73) Isopropylbenzene	11.02	105	400434	18.592	ug/l	100
74) N-amyl acetate	6.48	43	238141	19.382	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	122302	20.002	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	134739m	22.055	ug/l	
77) Bromobenzene	11.26	156	110110	19.269	ug/l	99
78) n-propylbenzene	11.37	91	460528	19.092	ug/l	100
79) 2-Chlorotoluene	11.43	91	279170	19.700	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	340435	18.496	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	43863	17.256	ug/l	96
82) 4-Chlorotoluene	11.52	91	328324	19.298	ug/l	100
83) tert-Butylbenzene	11.77	119	318547	17.636	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	361916	19.027	ug/l	99
85) sec-Butylbenzene	11.95	105	386603	17.806	ug/l	99
86) p-Isopropyltoluene	12.07	119	354347	18.238	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	198135	19.361	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	202294	19.772	ug/l	99
89) n-Butylbenzene	12.39	91	310313	18.849	ug/l	100
90) Hexachloroethane	12.60	117	63337	16.527	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	199783	19.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	34590	18.064	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144435	19.372	ug/l	98
94) Hexachlorobutadiene	13.79	225	61181	15.254	ug/l	100
95) Naphthalene	13.84	128	458358	19.954	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148207	19.211	ug/l	99

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

