

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
 Data File : VX005877.D
 Acq On : 09 Nov 2018 23:04
 Operator : JC/MD
 Sample : VX1109MBSD02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1109MBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:12:07 AM

Quant Time: Nov 12 01:23:13 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	5.66	168	112739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150191	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	62110	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	49304	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	8.71	98	172680	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	58622	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	19343	19.030	ug/l	95
3) Chloromethane	1.32	50	24544	18.399	ug/l	95
4) Vinyl Chloride	1.40	62	23618	17.636	ug/l	97
5) Bromomethane	1.64	94	14168	17.288	ug/l	99
6) Chloroethane	1.72	64	16158	20.221	ug/l	89
7) Trichlorofluoromethane	1.93	101	32919	18.519	ug/l	90
8) Diethyl Ether	2.19	74	13925	19.992	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	19689	19.258	ug/l	98
10) Methyl Iodide	2.51	142	21984	17.742	ug/l	96
11) Tert butyl alcohol	3.07	59	36685	98.806	ug/l	99
12) 1,1-Dichloroethene	2.38	96	18469	18.534	ug/l	87
13) Acrolein	2.29	56	13120	87.594	ug/l	99
14) Allyl chloride	2.73	41	42235	18.977	ug/l	97
15) Acrylonitrile	3.15	53	73742	95.839	ug/l	95
16) Acetone	2.45	43	68233	97.777	ug/l	95
17) Carbon Disulfide	2.57	76	54474	18.327	ug/l	100
18) Methyl Acetate	2.78	43	40448	20.761	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	63853	18.774	ug/l	97
20) Methylene Chloride	2.85	84	20818	18.161	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	20262	19.278	ug/l	96
22) Diisopropyl ether	3.87	45	73584	18.874	ug/l #	94
23) Vinyl Acetate	3.82	43	314911	94.206	ug/l	97
24) 1,1-Dichloroethane	3.70	63	42423	20.395	ug/l	98
25) 2-Butanone	4.69	43	104095	94.880	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	26319	17.249	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	21721	18.716	ug/l	99
28) Bromochloromethane	5.01	49	19377	20.844	ug/l	98
29) Tetrahydrofuran	5.15	42	68631	97.427	ug/l	97
30) Chloroform	5.22	83	38606	19.238	ug/l	85
31) Cyclohexane	5.57	56	34317	19.006	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	32395	19.354	ug/l	98
36) 1,1-Dichloropropene	5.80	75	28037	19.364	ug/l	98
37) Ethyl Acetate	4.86	43	38910	20.436	ug/l	99
38) Carbon Tetrachloride	5.78	117	28791	19.863	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29434	20.058	ug/l	96
40) Benzene	6.15	78	82946	19.651	ug/l	98
41) Methacrylonitrile	5.06	41	20651	20.073	ug/l	97
42) 1,2-Dichloroethane	6.19	62	31314	20.713	ug/l	98
43) Isopropyl Acetate	6.46	43	56528	20.489	ug/l	99
44) Trichloroethene	7.21	130	20268	18.908	ug/l	95
45) 1,2-Dichloropropane	7.52	63	24036	23.462	ug/l	97
46) Dibromomethane	7.66	93	13338	20.747	ug/l	99
47) Bromodichloromethane	7.90	83	25173	20.719	ug/l	99
48) Methyl methacrylate	7.77	41	25803	20.829	ug/l	97
49) 1,4-Dioxane	7.75	88	11192	419.265	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	175204	100.763	ug/l	100
52) Toluene	8.78	92	48868	20.715	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	26026	18.152	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	28764	19.683	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	18730	17.815	ug/l	97
56) Ethyl methacrylate	9.18	69	27512	17.489	ug/l	98
57) 1,3-Dichloropropane	9.37	76	31725	17.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	95563	116.072	ug/l	97
59) 2-Hexanone	9.49	43	134713	87.896	ug/l	99
60) Dibromochloromethane	9.59	129	19657	17.300	ug/l	99
61) 1,2-Dibromoethane	9.68	107	20121	17.308	ug/l	98
64) Tetrachloroethene	9.34	164	21935	20.150	ug/l	99
65) Chlorobenzene	10.14	112	50671	19.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	18461	20.731	ug/l	98
67) Ethyl Benzene	10.25	91	84834	20.655	ug/l	99
68) m/p-Xylenes	10.36	106	65651	41.905	ug/l	99
69) o-Xylene	10.70	106	31173	22.190	ug/l	99
70) Styrene	10.71	104	51612	22.271	ug/l	99
71) Bromoform	10.86	173	15929	21.339	ug/l #	100
73) Isopropylbenzene	11.02	105	85656	21.008	ug/l	100
74) N-amyl acetate	10.90	43	41827	19.076	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	30054	20.082	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	29534m	20.572	ug/l	
77) Bromobenzene	11.26	156	23096	20.097	ug/l	99
78) n-propylbenzene	11.36	91	99792	20.767	ug/l	99
79) 2-Chlorotoluene	11.42	91	60395	20.794	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	73779	21.293	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8801	19.538	ug/l	94
82) 4-Chlorotoluene	11.51	91	70990	20.739	ug/l	100
83) tert-Butylbenzene	11.77	119	69891	19.938	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	75355	19.634	ug/l	100
85) sec-Butylbenzene	11.94	105	86441	20.166	ug/l	100
86) p-Isopropyltoluene	12.07	119	77414	20.389	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	42067	19.073	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	43428	19.234	ug/l	99
89) n-Butylbenzene	12.39	91	66131	18.793	ug/l	99
90) Hexachloroethane	12.60	117	12534	19.772	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	42684	19.319	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7380	20.208	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	30534	19.631	ug/l	100
94) Hexachlorobutadiene	13.78	225	15495	18.965	ug/l	99
95) Naphthalene	13.83	128	93994	19.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	32182	20.309	ug/l	99

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

