

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\
 Data File : VX008755.D
 Acq On : 08 Apr 2019 19:09
 Operator : JC/SP
 Sample : VX0408MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:50:38 PM

Quant Time: Apr 09 09:28:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302138	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119153	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	128649	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	5.51	113	94653	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	8.72	98	366896	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.13	95	129089	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34030	16.516	ug/l	97
3) Chloromethane	1.32	50	45241	16.794	ug/l	99
4) Vinyl Chloride	1.41	62	46663	16.753	ug/l	100
5) Bromomethane	1.64	94	23396	18.294	ug/l	99
6) Chloroethane	1.71	64	28779	16.916	ug/l	99
7) Trichlorofluoromethane	1.92	101	56011	18.192	ug/l	98
8) Diethyl Ether	2.19	74	26517	18.161	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	33999	17.151	ug/l	96
10) Methyl Iodide	2.51	142	29280	18.923	ug/l	100
11) Tert butyl alcohol	3.06	59	64505	105.534	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35230	17.024	ug/l	98
13) Acrolein	2.29	56	33120	109.279	ug/l	100
14) Allyl chloride	2.73	41	85241	17.993	ug/l	99
15) Acrylonitrile	3.15	53	160271	98.980	ug/l	100
16) Acetone	2.45	43	147946	98.385	ug/l	98
17) Carbon Disulfide	2.57	76	100985	16.402	ug/l	99
18) Methyl Acetate	2.78	43	79695	21.852	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	142667	19.305	ug/l	98
20) Methylene Chloride	2.85	84	44304	17.601	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	40258	17.985	ug/l	92
22) Diisopropyl ether	3.86	45	172952	18.942	ug/l	95
23) Vinyl Acetate	3.82	43	776545	97.762	ug/l	99
24) 1,1-Dichloroethane	3.70	63	84384	18.666	ug/l	99
25) 2-Butanone	4.68	43	248716	104.647	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58930	18.508	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	46724	18.156	ug/l	100
28) Bromochloromethane	5.02	49	37470	17.899	ug/l	100
29) Tetrahydrofuran	5.14	42	159385	101.038	ug/l	100
30) Chloroform	5.21	83	76053	18.835	ug/l	99
31) Cyclohexane	5.58	56	79935	17.720	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	60962	18.683	ug/l	100
36) 1,1-Dichloropropene	5.80	75	58282	17.647	ug/l	99
37) Ethyl Acetate	4.84	43	88735	20.129	ug/l	99
38) Carbon Tetrachloride	5.79	117	50079	18.320	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70717	17.333	ug/l	100
40) Benzene	6.15	78	180120	18.307	ug/l	100
41) Methacrylonitrile	5.05	41	49929	19.704	ug/l	99
42) 1,2-Dichloroethane	6.20	62	65258	18.501	ug/l	100
43) Isopropyl Acetate	6.45	43	134713	19.507	ug/l	100
44) Trichloroethene	7.21	130	40754	17.784	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51254	18.251	ug/l	99
46) Dibromomethane	7.66	93	29273	17.972	ug/l	99
47) Bromodichloromethane	7.90	83	56874	18.519	ug/l	100
48) Methyl methacrylate	7.77	41	67187	19.233	ug/l	99
49) 1,4-Dioxane	7.74	88	25980	397.013	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	449839	101.190	ug/l	100
52) Toluene	8.79	92	104933	18.090	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	63657	18.505	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	73749	18.762	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	44190	18.979	ug/l	99
56) Ethyl methacrylate	9.18	69	79611	18.897	ug/l	99
57) 1,3-Dichloropropane	9.37	76	78425	18.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	202389	94.084	ug/l	100
59) 2-Hexanone	9.49	43	355072	102.777	ug/l	100
60) Dibromochloromethane	9.59	129	41464	18.898	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45626	18.823	ug/l	99
64) Tetrachloroethene	9.34	164	35051	18.156	ug/l	96
65) Chlorobenzene	10.14	112	107339	18.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39146	19.318	ug/l	100
67) Ethyl Benzene	10.25	91	196504	18.244	ug/l	99
68) m/p-Xylenes	10.36	106	141857	36.631	ug/l	99
69) o-Xylene	10.70	106	69161	18.428	ug/l	100
70) Styrene	10.71	104	121038	18.710	ug/l	100
71) Bromoform	10.86	173	29644	19.154	ug/l #	98
73) Isopropylbenzene	11.02	105	185530	18.789	ug/l	99
74) N-amyl acetate	10.90	43	113907	19.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73833	19.660	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61615m	18.824	ug/l	
77) Bromobenzene	11.26	156	44930	18.927	ug/l	99
78) n-propylbenzene	11.36	91	211391	18.386	ug/l	99
79) 2-Chlorotoluene	11.42	91	126439	18.172	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	157071	18.950	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22978	19.351	ug/l	94
82) 4-Chlorotoluene	11.51	91	144409	17.930	ug/l	98
83) tert-Butylbenzene	11.77	119	153365	19.232	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	157931	18.817	ug/l	100
85) sec-Butylbenzene	11.94	105	178188	18.812	ug/l	99
86) p-Isopropyltoluene	12.06	119	158649	18.661	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76749	18.060	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76911	17.872	ug/l	98
89) n-Butylbenzene	12.39	91	145935	18.303	ug/l	100
90) Hexachloroethane	12.60	117	26023	18.455	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	77782	18.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16056	19.435	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	53667	18.293	uq/l	99
94) Hexachlorobutadiene	13.78	225	26975	19.172	uq/l	100
95) Naphthalene	13.83	128	189790	19.356	uq/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	54205	18.492	uq/l	99

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

