

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080219\
 Data File : VX011301.D
 Acq On : 02 Aug 2019 13:46
 Operator : JC/SP
 Sample : VX0802MBSD01
 Misc : 5.00µg/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 12:11:27 PM

Quant Time: Aug 03 06:41:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	150547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	222320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	203710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	79035	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.49	113	72053	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
50) Toluene-d8	8.71	98	277582	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	95973	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21646	18.616	ug/l	96
3) Chloromethane	1.32	50	25405	19.457	ug/l	99
4) Vinyl Chloride	1.40	62	27836	19.381	ug/l	99
5) Bromomethane	1.63	94	22397	21.865	ug/l	98
6) Chloroethane	1.71	64	18684	19.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	48697	19.069	ug/l	99
8) Diethyl Ether	2.18	74	17110	18.763	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26201	18.962	ug/l	99
10) Methyl Iodide	2.50	142	30797	17.678	ug/l	100
11) Tert butyl alcohol	3.04	59	33482	110.763	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27002	19.713	ug/l	98
13) Acrolein	2.29	56	17585	93.333	ug/l	98
14) Allyl chloride	2.72	41	34754	19.032	ug/l	97
15) Acrylonitrile	3.14	53	72537	100.545	ug/l	97
16) Acetone	2.43	43	62152	86.127	ug/l	94
17) Carbon Disulfide	2.56	76	57596	17.919	ug/l	100
18) Methyl Acetate	2.76	43	32946	19.978	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	78571	19.465	ug/l	99
20) Methylene Chloride	2.85	84	29792	18.851	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	27540	19.007	ug/l	95
22) Diisopropyl ether	3.85	45	77929	19.418	ug/l	98
23) Vinyl Acetate	3.81	43	326531	98.096	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46324	19.575	ug/l	97
25) 2-Butanone	4.67	43	99369	96.802	ug/l	98
26) 2,2-Dichloropropane	4.58	77	32916	17.893	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	31968	19.155	ug/l	98
28) Bromochloromethane	5.01	49	22481	20.838	ug/l	99
29) Tetrahydrofuran	5.12	42	62786	99.754	ug/l	99
30) Chloroform	5.20	83	49253	19.149	ug/l	99
31) Cyclohexane	5.57	56	37091	18.998	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	41364	18.773	ug/l	98
36) 1,1-Dichloropropene	5.79	75	35493	18.285	ug/l	98
37) Ethyl Acetate	4.82	43	36969	18.987	ug/l	98
38) Carbon Tetrachloride	5.79	117	35448	18.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39677	17.245	ug/l	96
40) Benzene	6.13	78	111962	19.330	ug/l	96
41) Methacrylonitrile	5.03	41	20617	19.389	ug/l	96
42) 1,2-Dichloroethane	6.19	62	37382	19.086	ug/l	97
43) Isopropyl Acetate	6.44	43	58003	18.633	ug/l	99
44) Trichloroethene	7.21	130	32659	18.628	ug/l	97
45) 1,2-Dichloropropane	7.51	63	28144	18.762	ug/l	99
46) Dibromomethane	7.66	93	20133	18.385	ug/l	98
47) Bromodichloromethane	7.89	83	33699	18.176	ug/l	95
48) Methyl methacrylate	7.77	41	27456	18.742	ug/l	96
49) 1,4-Dioxane	7.73	88	16454	387.425	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	197062	98.094	ug/l	99
52) Toluene	8.78	92	72606	18.959	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34030	17.704	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	40142	18.534	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	30186	19.171	ug/l	96
56) Ethyl methacrylate	9.18	69	41927	18.685	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47780	19.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	105471	95.596	ug/l	100
59) 2-Hexanone	9.49	43	153054	98.362	ug/l	99
60) Dibromochloromethane	9.58	129	28079	17.418	ug/l	99
61) 1,2-Dibromoethane	9.67	107	31594	18.572	ug/l	99
64) Tetrachloroethene	9.34	164	32761	18.937	ug/l	98
65) Chlorobenzene	10.13	112	82272	18.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	28456	19.030	ug/l	98
67) Ethyl Benzene	10.25	91	137652	18.818	ug/l	95
68) m/p-Xylenes	10.35	106	109169	38.583	ug/l	99
69) o-Xylene	10.69	106	52309	18.816	ug/l	100
70) Styrene	10.71	104	89116	19.373	ug/l	99
71) Bromoform	10.85	173	20218	17.100	ug/l #	99
73) Isopropylbenzene	11.02	105	139724	19.370	ug/l	100
74) N-amyl acetate	10.90	43	50723	19.461	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47123	19.603	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	38362m	19.973	ug/l	
77) Bromobenzene	11.25	156	38465	19.230	ug/l	99
78) n-propylbenzene	11.36	91	153999	19.198	ug/l	100
79) 2-Chlorotoluene	11.42	91	91684	19.176	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	116802	19.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10462	17.756	ug/l #	86
82) 4-Chlorotoluene	11.51	91	105224	18.884	ug/l	100
83) tert-Butylbenzene	11.77	119	114039	19.256	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	116257	19.338	ug/l	99
85) sec-Butylbenzene	11.94	105	135856	19.093	ug/l	99
86) p-Isopropyltoluene	12.06	119	124802	19.066	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	68336	19.336	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	67794	18.603	ug/l	98
89) n-Butylbenzene	12.38	91	103395	18.334	ug/l	100
90) Hexachloroethane	12.59	117	16765	17.323	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	68277	19.227	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9311	19.993	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44948	19.086	ug/l	96
94) Hexachlorobutadiene	13.78	225	21789	18.236	ug/l	100
95) Naphthalene	13.83	128	134258	19.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45755	19.111	ug/l	99

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

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