

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008771.D
 Acq On : 09 Apr 2019 15:25
 Operator : JC/SP
 Sample : VX0409MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 10:05:12 AM

Quant Time: Apr 09 16:52:57 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	176400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	297806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134021	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.50	113	98303	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.71	98	384797	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.13	95	133069	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31197	15.364	ug/l	97
3) Chloromethane	1.32	50	45060	16.992	ug/l	100
4) Vinyl Chloride	1.40	62	44746	16.302	ug/l	99
5) Bromomethane	1.64	94	23568	18.658	ug/l	97
6) Chloroethane	1.71	64	27777	16.501	ug/l	99
7) Trichlorofluoromethane	1.93	101	52273	17.228	ug/l	100
8) Diethyl Ether	2.19	74	26342	18.307	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34202	17.508	ug/l	99
10) Methyl Iodide	2.51	142	31503	20.292	ug/l	98
11) Tert butyl alcohol	3.05	59	57911	96.142	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35516	17.415	ug/l	98
13) Acrolein	2.29	56	36682	122.816	ug/l	98
14) Allyl chloride	2.73	41	83077	17.795	ug/l	99
15) Acrylonitrile	3.14	53	151693	95.062	ug/l	99
16) Acetone	2.45	43	141587	95.543	ug/l	100
17) Carbon Disulfide	2.57	76	92295	15.157	ug/l	97
18) Methyl Acetate	2.78	43	70606	19.645	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	139175	19.110	ug/l	97
20) Methylene Chloride	2.85	84	43224	17.425	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	37426	16.966	ug/l	98
22) Diisopropyl ether	3.85	45	169887	18.880	ug/l	89
23) Vinyl Acetate	3.82	43	742773	94.888	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81241	18.235	ug/l	97
25) 2-Butanone	4.68	43	229991	98.194	ug/l	99
26) 2,2-Dichloropropane	4.58	77	56007	17.849	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45574	17.970	ug/l	99
28) Bromochloromethane	5.01	49	37452	18.200	ug/l	99
29) Tetrahydrofuran	5.13	42	150648	96.906	ug/l	99
30) Chloroform	5.21	83	73975	18.591	ug/l	98
31) Cyclohexane	5.58	56	75237	16.925	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58409	18.165	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55115	16.931	ug/l	99
37) Ethyl Acetate	4.84	43	84810	19.518	ug/l	99
38) Carbon Tetrachloride	5.78	117	47422	17.601	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66400	16.512	ug/l	96
40) Benzene	6.15	78	173278	17.867	ug/l	100
41) Methacrylonitrile	5.04	41	46953	18.799	ug/l	99
42) 1,2-Dichloroethane	6.20	62	63370	18.227	ug/l	100
43) Isopropyl Acetate	6.45	43	129076	18.963	ug/l	100
44) Trichloroethene	7.21	130	39902	17.666	ug/l	97
45) 1,2-Dichloropropane	7.51	63	50087	18.095	ug/l	98
46) Dibromomethane	7.66	93	28311	17.635	ug/l	99
47) Bromodichloromethane	7.90	83	54361	17.959	ug/l	99
48) Methyl methacrylate	7.77	41	64819	18.825	ug/l	99
49) 1,4-Dioxane	7.74	88	23634	366.416	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	424871	96.964	ug/l	100
52) Toluene	8.78	92	100684	17.610	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60650	17.887	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	69277	17.881	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43895	19.126	ug/l	98
56) Ethyl methacrylate	9.18	69	76577	18.441	ug/l	98
57) 1,3-Dichloropropane	9.37	76	76576	18.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	215863	101.807	ug/l	99
59) 2-Hexanone	9.49	43	326775	95.962	ug/l	100
60) Dibromochloromethane	9.58	129	39247	18.148	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43125	18.050	ug/l	98
64) Tetrachloroethene	9.34	164	35053	18.329	ug/l	96
65) Chlorobenzene	10.14	112	102407	17.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36507	18.186	ug/l	99
67) Ethyl Benzene	10.25	91	187485	17.572	ug/l	100
68) m/p-Xylenes	10.36	106	132818	34.622	ug/l	100
69) o-Xylene	10.70	106	66609	17.916	ug/l	97
70) Styrene	10.71	104	114601	17.882	ug/l	99
71) Bromoform	10.85	173	27424	17.888	ug/l #	98
73) Isopropylbenzene	11.02	105	173943	18.208	ug/l	100
74) N-amyl acetate	10.90	43	104958	18.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68655	18.896	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	68101m	21.505	ug/l	
77) Bromobenzene	11.26	156	41879	18.235	ug/l	100
78) n-propylbenzene	11.36	91	197130	17.722	ug/l	100
79) 2-Chlorotoluene	11.42	91	119103	17.693	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147490	18.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20806	18.111	ug/l	92
82) 4-Chlorotoluene	11.51	91	136354	17.499	ug/l	100
83) tert-Butylbenzene	11.77	119	137723	17.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148000	18.227	ug/l	100
85) sec-Butylbenzene	11.94	105	164622	17.964	ug/l	99
86) p-Isopropyltoluene	12.06	119	148039	17.998	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	72189	17.558	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	72005	17.295	ug/l	99
89) n-Butylbenzene	12.38	91	134220	17.400	ug/l	99
90) Hexachloroethane	12.60	117	23756	17.413	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	73832	18.086	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14367	17.975	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	49091	17.296	ug/l	99
94) Hexachlorobutadiene	13.78	225	24111	17.713	ug/l	99
95) Naphthalene	13.83	128	174127	18.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50168	17.691	ug/l	99

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

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