

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004815.D
 Acq On : 28 Sep 2018 12:33
 Operator : JC/MD
 Sample : VX0928MBS01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:27 PM

Quant Time: Sep 29 06:37:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	312615	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194565	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161496	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
35) Dibromofluoromethane	5.49	113	125622	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	8.71	98	470673	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	11.14	95	177405	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55343	19.906	ug/l	98
3) Chloromethane	1.32	50	67266	19.942	ug/l	98
4) Vinyl Chloride	1.40	62	62239	19.673	ug/l	97
5) Bromomethane	1.64	94	33518	17.867	ug/l	98
6) Chloroethane	1.71	64	38263	20.836	ug/l	97
7) Trichlorofluoromethane	1.92	101	78053	19.929	ug/l	94
8) Diethyl Ether	2.19	74	36282	21.324	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42404	19.007	ug/l	96
10) Methyl Iodide	2.51	142	30507	10.219	ug/l	99
11) Tert butyl alcohol	3.07	59	91978	112.933	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42742	19.345	ug/l	95
13) Acrolein	2.29	56	50001	86.286	ug/l	97
14) Allyl chloride	2.72	41	102722	21.308	ug/l	95
15) Acrylonitrile	3.15	53	201789	112.548	ug/l	98
16) Acetone	2.45	43	183378	107.834	ug/l	95
17) Carbon Disulfide	2.56	76	121851	18.354	ug/l	100
18) Methyl Acetate	2.78	43	103549	24.033	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	176819	23.202	ug/l	95
20) Methylene Chloride	2.85	84	56701	22.470	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	47585	19.675	ug/l	93
22) Diisopropyl ether	3.87	45	188472	23.218	ug/l	91
23) Vinyl Acetate	3.82	43	883387	118.885	ug/l	94
24) 1,1-Dichloroethane	3.69	63	101029	20.864	ug/l	97
25) 2-Butanone	4.70	43	268164	106.980	ug/l	95
26) 2,2-Dichloropropane	4.58	77	66387	19.688	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	53941	19.964	ug/l	93
28) Bromochloromethane	5.01	49	47317	20.750	ug/l	88
29) Tetrahydrofuran	5.15	42	175430	112.600	ug/l	91
30) Chloroform	5.21	83	93220	20.370	ug/l	97
31) Cyclohexane	5.57	56	71515	19.296	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	73022	19.538	ug/l	99
36) 1,1-Dichloropropene	5.79	75	62382	17.257	ug/l	100
37) Ethyl Acetate	4.85	43	95392	19.880	ug/l	98
38) Carbon Tetrachloride	5.77	117	62166	16.360	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65413	17.722	ug/l	95
40) Benzene	6.14	78	205085	18.122	ug/l	99
41) Methacrylonitrile	5.06	41	52698	19.803	ug/l	96
42) 1,2-Dichloroethane	6.20	62	78515	19.626	ug/l	97
43) Isopropyl Acetate	6.46	43	137973	19.922	ug/l	96
44) Trichloroethene	7.21	130	53214	19.128	ug/l	98
45) 1,2-Dichloropropane	7.51	63	58714	21.156	ug/l	99
46) Dibromomethane	7.66	93	37364	21.422	ug/l	97
47) Bromodichloromethane	7.90	83	69589	21.310	ug/l	99
48) Methyl methacrylate	7.77	41	71572	22.768	ug/l	93
49) 1,4-Dioxane	7.75	88	33917	434.299	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	507285	116.330	ug/l	93
52) Toluene	8.79	92	127565	20.514	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	75954	20.583	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	83233	21.534	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	56722	20.824	ug/l	98
56) Ethyl methacrylate	9.18	69	83156	20.598	ug/l	93
57) 1,3-Dichloropropane	9.37	76	94586	20.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	248784	114.203	ug/l	93
59) 2-Hexanone	9.49	43	401875	110.591	ug/l	92
60) Dibromochloromethane	9.58	129	54603	20.044	ug/l	98
61) 1,2-Dibromoethane	9.67	107	58456	20.039	ug/l	100
64) Tetrachloroethene	9.34	164	50822	16.535	ug/l	97
65) Chlorobenzene	10.14	112	146547	18.301	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	51647	18.346	ug/l	100
67) Ethyl Benzene	10.25	91	233202	18.343	ug/l	95
68) m/p-Xylenes	10.36	106	185886	37.416	ug/l	95
69) o-Xylene	10.70	106	89218	19.552	ug/l	96
70) Styrene	10.71	104	153480	19.354	ug/l	97
71) Bromoform	10.86	173	44387	18.417	ug/l	100
73) Isopropylbenzene	11.02	105	230997	18.836	ug/l	100
74) N-amyl acetate	10.90	43	121568	19.152	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	93515	18.732	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86869m	19.920	ug/l	
77) Bromobenzene	11.26	156	67609	18.980	ug/l	96
78) n-propylbenzene	11.36	91	270026	19.190	ug/l	99
79) 2-Chlorotoluene	11.42	91	169289	19.301	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	202071	17.851	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	24427	16.657	ug/l	95
82) 4-Chlorotoluene	11.51	91	199976	19.371	ug/l	99
83) tert-Butylbenzene	11.77	119	193718	19.186	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	211015	18.078	ug/l	98
85) sec-Butylbenzene	11.94	105	228030	18.541	ug/l	98
86) p-Isopropyltoluene	12.07	119	206308	18.515	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	124778	18.760	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	127680	18.595	ug/l	98
89) n-Butylbenzene	12.39	91	175963	17.388	ug/l	96
90) Hexachloroethane	12.60	117	32516	17.527	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	127864	18.395	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21599	19.705	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89997	18.457	ug/l	99
94) Hexachlorobutadiene	13.79	225	39675	15.691	ug/l	97
95) Naphthalene	13.83	128	288975	18.318	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	95235	18.907	ug/l	97

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

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