

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122818\
 Data File : VX006867.D
 Acq On : 28 Dec 2018 17:53
 Operator : JC/MD
 Sample : VX1228MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/2/2019 10:47:06 AM

Quant Time: Dec 29 00:40:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	552217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	818755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	726438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	361835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	307132	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.50	113	271741	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.71	98	989792	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	348885	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84224	16.672	ug/l	97
3) Chloromethane	1.33	50	92974	17.083	ug/l	97
4) Vinyl Chloride	1.41	62	101914	17.929	ug/l	96
5) Bromomethane	1.64	94	101419	17.888	ug/l	97
6) Chloroethane	1.72	64	71582	18.187	ug/l	95
7) Trichlorofluoromethane	1.93	101	169824	19.163	ug/l	97
8) Diethyl Ether	2.19	74	69644	19.785	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98646	18.958	ug/l	97
10) Methyl Iodide	2.51	142	142217	19.093	ug/l	99
11) Tert butyl alcohol	3.07	59	137093	103.215	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92797	18.808	ug/l	98
13) Acrolein	2.30	56	81271	90.701	ug/l	95
14) Allyl chloride	2.73	41	161154	19.405	ug/l	99
15) Acrylonitrile	3.15	53	318532	108.011	ug/l	99
16) Acetone	2.45	43	268657	98.253	ug/l	99
17) Carbon Disulfide	2.57	76	173371	13.278	ug/l	100
18) Methyl Acetate	2.78	43	194868	24.237	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	356273	21.756	ug/l	95
20) Methylene Chloride	2.86	84	111879	19.787	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	101835	18.628	ug/l	97
22) Diisopropyl ether	3.87	45	328857	21.645	ug/l	94
23) Vinyl Acetate	3.82	43	1264170	101.722	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178619	19.694	ug/l	97
25) 2-Butanone	4.70	43	392863	102.144	ug/l	99
26) 2,2-Dichloropropane	4.59	77	120474	17.196	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	117995	19.563	ug/l	99
28) Bromochloromethane	5.02	49	81667	20.258	ug/l	97
29) Tetrahydrofuran	5.15	42	264728	104.503	ug/l	99
30) Chloroform	5.21	83	188267	20.045	ug/l	97
31) Cyclohexane	5.57	56	143334	17.396	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	150432	18.969	ug/l	98
36) 1,1-Dichloropropene	5.80	75	129814	19.143	ug/l	99
37) Ethyl Acetate	4.85	43	150968	21.390	ug/l	99
38) Carbon Tetrachloride	5.78	117	124560	18.901	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148592	16.644	ug/l	98
40) Benzene	6.14	78	414947	20.131	ug/l	98
41) Methacrylonitrile	5.06	41	85702	22.871	ug/l	99
42) 1,2-Dichloroethane	6.20	62	143875	20.484	ug/l	100
43) Isopropyl Acetate	6.46	43	236360	22.009	ug/l	99
44) Trichloroethene	7.21	130	119990	19.233	ug/l	95
45) 1,2-Dichloropropane	7.52	63	105205	20.974	ug/l	96
46) Dibromomethane	7.66	93	71999	19.514	ug/l	96
47) Bromodichloromethane	7.90	83	116907	19.085	ug/l	100
48) Methyl methacrylate	7.77	41	121351	22.221	ug/l	99
49) 1,4-Dioxane	7.75	88	55643	377.036	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	768020	112.400	ug/l	99
52) Toluene	8.79	92	264211	19.841	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123237	18.759	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145402	20.171	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115249	21.144	ug/l	99
56) Ethyl methacrylate	9.18	69	164140	21.306	ug/l	96
57) 1,3-Dichloropropane	9.37	76	183541	20.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	415197	101.388	ug/l	100
59) 2-Hexanone	9.49	43	570350	109.095	ug/l	100
60) Dibromochloromethane	9.59	129	96502	18.465	ug/l	98
61) 1,2-Dibromoethane	9.67	107	119687	20.656	ug/l	99
64) Tetrachloroethene	9.34	164	113631	19.754	ug/l	97
65) Chlorobenzene	10.14	112	310253	20.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103002	21.482	ug/l	98
67) Ethyl Benzene	10.25	91	499930	19.907	ug/l	99
68) m/p-Xylenes	10.36	106	392494	39.608	ug/l	99
69) o-Xylene	10.70	106	195460	19.975	ug/l	100
70) Styrene	10.71	104	311352	20.112	ug/l	99
71) Bromoform	10.86	173	66729	18.512	ug/l #	99
73) Isopropylbenzene	11.02	105	505006	20.401	ug/l	100
74) N-amyl acetate	10.90	43	206931	23.354	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	168036	22.825	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	151681m	22.557	ug/l	
77) Bromobenzene	11.26	156	138825	20.744	ug/l	98
78) n-propylbenzene	11.36	91	550896	20.210	ug/l	99
79) 2-Chlorotoluene	11.42	91	332982	20.157	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411027	20.159	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34198	18.399	ug/l #	85
82) 4-Chlorotoluene	11.51	91	381170	20.116	ug/l	99
83) tert-Butylbenzene	11.77	119	403392	19.768	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	428722	19.991	ug/l	99
85) sec-Butylbenzene	11.94	105	484821	19.378	ug/l	100
86) p-Isopropyltoluene	12.07	119	431937	19.640	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	243332	20.175	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	243618	19.703	ug/l	98
89) n-Butylbenzene	12.39	91	354090	18.918	ug/l	98
90) Hexachloroethane	12.60	117	52767	17.614	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	246591	20.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29446	19.331	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	157368	18.908	ug/l	99
94) Hexachlorobutadiene	13.78	225	67810	17.286	ug/l	100
95) Naphthalene	13.83	128	499919	18.820	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156507	18.213	ug/l	98

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

