

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122818\
 Data File : VX006861.D
 Acq On : 28 Dec 2018 15:13
 Operator : JC/MD
 Sample : VX1228MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/2/2019 10:46:51 AM

Quant Time: Dec 29 00:23:37 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	544049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	804178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	728092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363211	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	294684	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	262628	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.71	98	976513	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.13	95	349385	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	79465	15.966	ug/l 95
3) Chloromethane	1.33	50	89897	16.765	ug/l 98
4) Vinyl Chloride	1.41	62	99461	17.760	ug/l 100
5) Bromomethane	1.64	94	99303	17.766	ug/l 96
6) Chloroethane	1.72	64	66514	17.153	ug/l 98
7) Trichlorofluoromethane	1.93	101	165241	18.925	ug/l 94
8) Diethyl Ether	2.19	74	66432	19.156	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	96988	18.919	ug/l 99
10) Methyl Iodide	2.51	142	127332	17.352	ug/l 100
11) Tert butyl alcohol	3.07	59	137076	104.752	ug/l 97
12) 1,1-Dichloroethene	2.37	96	90211	18.558	ug/l 98
13) Acrolein	2.30	56	82679	93.658	ug/l 99
14) Allyl chloride	2.73	41	152503	18.639	ug/l 98
15) Acrylonitrile	3.15	53	295675	101.766	ug/l 100
16) Acetone	2.45	43	247274	91.791	ug/l 99
17) Carbon Disulfide	2.57	76	186294	14.482	ug/l 98
18) Methyl Acetate	2.78	43	188008	23.734	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	330385	20.478	ug/l 99
20) Methylene Chloride	2.85	84	110256	19.793	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	95215	17.679	ug/l 98
22) Diisopropyl ether	3.87	45	310173	20.722	ug/l 93
23) Vinyl Acetate	3.82	43	1212023	98.990	ug/l 99
24) 1,1-Dichloroethane	3.70	63	167452	18.740	ug/l 99
25) 2-Butanone	4.70	43	367522	96.990	ug/l 100
26) 2,2-Dichloropropane	4.58	77	113204	16.401	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	111902	18.831	ug/l 98
28) Bromochloromethane	5.02	49	70578	17.534	ug/l 95
29) Tetrahydrofuran	5.15	42	245473	98.357	ug/l 99
30) Chloroform	5.21	83	178702	19.312	ug/l 97
31) Cyclohexane	5.57	56	137309	16.915	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	143818	18.407	ug/l 98
36) 1,1-Dichloropropene	5.80	75	125006	18.768	ug/l 99
37) Ethyl Acetate	4.85	43	140075	20.206	ug/l 99
38) Carbon Tetrachloride	5.78	117	121337	18.745	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140812	16.059	ug/l	94
40) Benzene	6.15	78	394581	19.490	ug/l	97
41) Methacrylonitrile	5.06	41	79548	21.613	ug/l	99
42) 1,2-Dichloroethane	6.20	62	137438	19.922	ug/l	99
43) Isopropyl Acetate	6.46	43	224634	21.297	ug/l	99
44) Trichloroethene	7.21	130	113469	18.517	ug/l	99
45) 1,2-Dichloropropane	7.52	63	100253	20.349	ug/l	100
46) Dibromomethane	7.66	93	69371	19.143	ug/l	96
47) Bromodichloromethane	7.90	83	116801	19.414	ug/l	99
48) Methyl methacrylate	7.77	41	115658	21.562	ug/l	98
49) 1,4-Dioxane	7.75	88	57191	395.492	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	726835	108.301	ug/l	100
52) Toluene	8.79	92	254385	19.449	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	121827	18.880	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141756	20.022	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	111812	20.885	ug/l	98
56) Ethyl methacrylate	9.18	69	160491	21.210	ug/l	98
57) 1,3-Dichloropropane	9.37	76	174051	20.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	391910	97.436	ug/l	100
59) 2-Hexanone	9.49	43	542612	105.671	ug/l	99
60) Dibromochloromethane	9.59	129	96362	18.734	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115339	20.267	ug/l	99
64) Tetrachloroethene	9.34	164	107728	18.685	ug/l	97
65) Chlorobenzene	10.14	112	301016	19.542	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	101199	21.058	ug/l	99
67) Ethyl Benzene	10.25	91	485560	19.291	ug/l	99
68) m/p-Xylenes	10.36	106	381148	38.375	ug/l	100
69) o-Xylene	10.70	106	185042	18.867	ug/l	95
70) Styrene	10.71	104	298351	19.228	ug/l	98
71) Bromoform	10.86	173	70120	19.193	ug/l #	99
73) Isopropylbenzene	11.02	105	491398	19.776	ug/l	99
74) N-amyl acetate	10.90	43	199603	22.442	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	160736	21.751	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	145397m	21.540	ug/l	
77) Bromobenzene	11.26	156	136281	20.287	ug/l	99
78) n-propylbenzene	11.36	91	541763	19.799	ug/l	100
79) 2-Chlorotoluene	11.42	91	327707	19.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	400847	19.586	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	34407	18.432	ug/l #	85
82) 4-Chlorotoluene	11.51	91	375177	19.725	ug/l	100
83) tert-Butylbenzene	11.77	119	402685	19.659	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	413061	19.188	ug/l	99
85) sec-Butylbenzene	11.94	105	471164	18.761	ug/l	100
86) p-Isopropyltoluene	12.06	119	419843	19.018	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	235430	19.446	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	237691	19.151	ug/l	99
89) n-Butylbenzene	12.38	91	345464	18.387	ug/l	98
90) Hexachloroethane	12.60	117	55829	18.388	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	238033	19.654	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29182	19.085	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	152110	18.207	uq/l	100
94) Hexachlorobutadiene	13.78	225	64788	16.453	uq/l	98
95) Naphthalene	13.83	128	483326	18.127	uq/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149239	17.302	uq/l	99

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

