

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004273.D
 Acq On : 28 Aug 2018 17:30
 Operator : JC/MD
 Sample : VX0828MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/29/2018 5:51:19 PM

Quant Time: Aug 29 00:48:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192680	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	5.50	113	157997	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	8.72	98	586659	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.14	95	224744	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56139	17.87	ug/l	96
3) Chloromethane	1.32	50	70744	20.55	ug/l	99
4) Vinyl Chloride	1.40	62	68136	19.18	ug/l	99
5) Bromomethane	1.64	94	34273	18.28	ug/l	99
6) Chloroethane	1.71	64	53044	20.22	ug/l	99
7) Trichlorofluoromethane	1.92	101	87164	17.90	ug/l	95
8) Diethyl Ether	2.19	74	47992	23.02	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52710	17.28	ug/l	99
10) Methyl Iodide	2.51	142	52048	18.10	ug/l	97
11) Tert butyl alcohol	3.09	59	95458	126.69	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54130	18.84	ug/l	98
13) Acrolein	2.29	56	23284	128.18	ug/l	95
14) Allyl chloride	2.72	41	109147	20.68	ug/l	98
15) Acrylonitrile	3.15	53	218887	117.30	ug/l	100
16) Acetone	2.45	43	181668	121.76	ug/l	99
17) Carbon Disulfide	2.56	76	129699	16.79	ug/l	99
18) Methyl Acetate	2.78	43	142825	27.23	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	222081	23.46	ug/l	97
20) Methylene Chloride	2.85	84	83764	24.62	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	62192	19.56	ug/l	97
22) Diisopropyl ether	3.87	45	215531	21.87	ug/l	98
23) Vinyl Acetate	3.82	43	864726	108.25	ug/l	100
24) 1,1-Dichloroethane	3.70	63	124119	21.61	ug/l	99
25) 2-Butanone	4.71	43	287843	120.05	ug/l	99
26) 2,2-Dichloropropane	4.58	77	73185	16.25	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	75371	20.90	ug/l	98
28) Bromochloromethane	5.02	49	57250	22.51	ug/l	99
29) Tetrahydrofuran	5.17	42	181884	119.77	ug/l	99
30) Chloroform	5.21	83	122821	21.33	ug/l	100
31) Cyclohexane	5.57	56	86342	17.42	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	93906	19.56	ug/l	99
36) 1,1-Dichloropropene	5.80	75	81983	17.11	ug/l	99
37) Ethyl Acetate	4.87	43	101504	21.54	ug/l	99
38) Carbon Tetrachloride	5.78	117	76926	17.06	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78215	14.30	ug/l	99
40) Benzene	6.14	78	280759	19.61	ug/l	100
41) Methacrylonitrile	5.07	41	59193	21.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	99221	20.31	ug/l	100
43) Isopropyl Acetate	6.47	43	156311	21.58	ug/l	100
44) Trichloroethene	7.21	130	73624	18.58	ug/l	97
45) 1,2-Dichloropropane	7.52	63	72807	20.32	ug/l	97
46) Dibromomethane	7.66	93	47138	19.75	ug/l	97
47) Bromodichloromethane	7.90	83	84639	19.06	ug/l	98
48) Methyl methacrylate	7.78	41	81707	21.09	ug/l	99
49) 1,4-Dioxane	7.76	88	40826	464.05	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	552679	105.04	ug/l	100
52) Toluene	8.79	92	175418	19.57	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	92238	18.81	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	104739	19.61	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	75576	20.89	ug/l	98
56) Ethyl methacrylate	9.18	69	104695	21.26	ug/l	99
57) 1,3-Dichloropropane	9.37	76	126324	20.71	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	279484	110.74	ug/l	99
59) 2-Hexanone	9.50	43	428971	106.86	ug/l	99
60) Dibromochloromethane	9.59	129	67498	19.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	77192	20.62	ug/l	99
64) Tetrachloroethene	9.34	164	73771	18.75	ug/l	97
65) Chlorobenzene	10.14	112	194134	19.42	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	64758	18.78	ug/l	97
67) Ethyl Benzene	10.26	91	309352	19.06	ug/l	97
68) m/p-Xylenes	10.36	106	248298	39.12	ug/l	98
69) o-Xylene	10.70	106	125011	20.82	ug/l	99
70) Styrene	10.71	104	205057	21.09	ug/l	99
71) Bromoform	10.86	173	52433	18.87	ug/l #	99
73) Isopropylbenzene	11.02	105	314916	20.66	ug/l	100
74) N-amyl acetate	10.90	43	131132	22.35	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	118422	22.20	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	105686m	22.39	ug/l	
77) Bromobenzene	11.26	156	92847	21.72	ug/l	99
78) n-propylbenzene	11.36	91	353879	20.19	ug/l	100
79) 2-Chlorotoluene	11.42	91	227264	21.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	263062	20.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	28400	19.52	ug/l	97
82) 4-Chlorotoluene	11.51	91	264077	20.80	ug/l	99
83) tert-Butylbenzene	11.77	119	250124	19.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	280280	21.63	ug/l	100
85) sec-Butylbenzene	11.94	105	288296	19.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	245380	18.16	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	159887	19.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156775	18.47	ug/l	97
89) n-Butylbenzene	12.39	91	192595	17.53	ug/l	99
90) Hexachloroethane	12.60	117	31594	16.73	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	158504	21.55	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20411	21.73	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	98001	18.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	36953	14.74	ug/l	98
95) Naphthalene	13.83	128	335223	22.14	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102898	18.16	ug/l	99

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

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