

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005899.D
 Acq On : 12 Nov 2018 14:41
 Operator : JC/MD
 Sample : VX1112MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 11:47:00 AM

Quant Time: Nov 13 05:42:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	122522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	174255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	69094	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.50	113	55809	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	8.71	98	212573	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.14	95	78131	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21251	19.237	ug/l	96
3) Chloromethane	1.32	50	27941	19.273	ug/l	99
4) Vinyl Chloride	1.40	62	28132	19.329	ug/l	96
5) Bromomethane	1.64	94	15578	17.491	ug/l	99
6) Chloroethane	1.72	64	17629	20.301	ug/l	93
7) Trichlorofluoromethane	1.93	101	37439	19.380	ug/l	98
8) Diethyl Ether	2.19	74	15517	20.498	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21814	19.633	ug/l	99
10) Methyl Iodide	2.51	142	24052	17.861	ug/l	99
11) Tert butyl alcohol	3.06	59	38620	95.712	ug/l	98
12) 1,1-Dichloroethene	2.37	96	21044	19.432	ug/l	95
13) Acrolein	2.29	56	24450	136.505	ug/l	99
14) Allyl chloride	2.73	41	47468	19.625	ug/l	99
15) Acrylonitrile	3.15	53	87328	104.433	ug/l	97
16) Acetone	2.45	43	72683	95.838	ug/l	99
17) Carbon Disulfide	2.57	76	59193	18.325	ug/l	100
18) Methyl Acetate	2.78	43	42641	20.093	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	79095	21.399	ug/l	97
20) Methylene Chloride	2.85	84	24948	20.026	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	22662	19.840	ug/l	100
22) Diisopropyl ether	3.87	45	83494	19.706	ug/l #	97
23) Vinyl Acetate	3.82	43	354078	97.465	ug/l	99
24) 1,1-Dichloroethane	3.70	63	45318	20.048	ug/l	99
25) 2-Butanone	4.70	43	116486	97.697	ug/l	92
26) 2,2-Dichloropropane	4.58	77	33564	20.241	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	25709	20.384	ug/l	96
28) Bromochloromethane	5.02	49	20839	20.627	ug/l	97
29) Tetrahydrofuran	5.15	42	77389	101.088	ug/l	97
30) Chloroform	5.21	83	41582	19.066	ug/l	96
31) Cyclohexane	5.57	56	38356	19.547	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	36551	20.093	ug/l	97
36) 1,1-Dichloropropene	5.80	75	30620	18.228	ug/l	98
37) Ethyl Acetate	4.86	43	40903	18.516	ug/l	100
38) Carbon Tetrachloride	5.78	117	30973	18.417	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	35092	20.611	ug/l	97
40) Benzene	6.14	78	94204	19.236	ug/l	98
41) Methacrylonitrile	5.06	41	23193	19.430	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33870	19.310	ug/l	99
43) Isopropyl Acetate	6.46	43	61646	19.259	ug/l	99
44) Trichloroethene	7.21	130	25320	20.359	ug/l	96
45) 1,2-Dichloropropane	7.52	63	24886	20.937	ug/l	99
46) Dibromomethane	7.66	93	15646	20.977	ug/l	99
47) Bromodichloromethane	7.90	83	29948	21.246	ug/l	98
48) Methyl methacrylate	7.77	41	31105	21.641	ug/l	99
49) 1,4-Dioxane	7.75	88	12528	404.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	211167	104.675	ug/l	99
52) Toluene	8.79	92	57221	20.907	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	32971	19.821	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	36929	21.781	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	23578	19.329	ug/l	100
56) Ethyl methacrylate	9.18	69	35923	19.683	ug/l	99
57) 1,3-Dichloropropane	9.37	76	39854	19.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	102309	107.745	ug/l	99
59) 2-Hexanone	9.49	43	165432	93.033	ug/l	100
60) Dibromochloromethane	9.59	129	23738	18.007	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24412	18.099	ug/l	99
64) Tetrachloroethene	9.34	164	27421	20.290	ug/l	99
65) Chlorobenzene	10.14	112	63903	20.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	23049	20.849	ug/l	99
67) Ethyl Benzene	10.25	91	108880	21.353	ug/l	99
68) m/p-Xylenes	10.36	106	83778	43.074	ug/l	98
69) o-Xylene	10.70	106	40496	23.219	ug/l	99
70) Styrene	10.71	104	67123	23.331	ug/l	99
71) Bromoform	10.86	173	18931	20.428	ug/l #	99
73) Isopropylbenzene	11.02	105	111023	21.885	ug/l	99
74) N-amyl acetate	10.90	43	52502	19.234	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	37001	19.871	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	37492m	20.989	ug/l	
77) Bromobenzene	11.26	156	29730	20.792	ug/l	98
78) n-propylbenzene	11.36	91	128597	21.509	ug/l	99
79) 2-Chlorotoluene	11.42	91	76166	21.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	94048	21.816	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10924	19.491	ug/l	96
82) 4-Chlorotoluene	11.51	91	89977	21.127	ug/l	100
83) tert-Butylbenzene	11.77	119	89278	20.470	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	97834	20.493	ug/l	98
85) sec-Butylbenzene	11.94	105	113317	21.247	ug/l	99
86) p-Isopropyltoluene	12.07	119	101449	21.475	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	54377	19.815	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	55059	19.600	ug/l	98
89) n-Butylbenzene	12.39	91	88474	20.207	ug/l	100
90) Hexachloroethane	12.60	117	14847	18.824	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	54033	19.655	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9139	20.113	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	41071	21.223	ug/l	99
94) Hexachlorobutadiene	13.78	225	20089	19.762	ug/l	98
95) Naphthalene	13.83	128	129602	21.229	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	42153	21.380	ug/l	100

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

