

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006121.D
 Acq On : 21 Nov 2018 13:53
 Operator : JC/MD
 Sample : VX1121MBS01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:20 AM

Quant Time: Nov 22 02:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234082	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198597	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	5.50	113	154561	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	598400	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	218199	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44905	18.960	ug/l	97
3) Chloromethane	1.32	50	62866	21.012	ug/l	99
4) Vinyl Chloride	1.41	62	61292	20.140	ug/l	98
5) Bromomethane	1.64	94	39946	19.514	ug/l	97
6) Chloroethane	1.72	64	34457	27.713	ug/l	99
7) Trichlorofluoromethane	1.93	101	80281	20.165	ug/l	95
8) Diethyl Ether	2.19	74	33152	19.699	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45245	19.166	ug/l	99
10) Methyl Iodide	2.51	142	56594	19.121	ug/l	99
11) Tert butyl alcohol	3.06	59	83454	106.226	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43573	18.933	ug/l	96
13) Acrolein	2.29	56	43951	93.491	ug/l	100
14) Allyl chloride	2.73	41	95461	20.275	ug/l	99
15) Acrylonitrile	3.15	53	181201	104.423	ug/l	99
16) Acetone	2.45	43	164366	100.296	ug/l	97
17) Carbon Disulfide	2.57	76	117835	18.963	ug/l	99
18) Methyl Acetate	2.78	43	89180	21.220	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	172075	21.632	ug/l	99
20) Methylene Chloride	2.85	84	54568	21.803	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	50651	21.036	ug/l	96
22) Diisopropyl ether	3.87	45	198825	19.726	ug/l	98
23) Vinyl Acetate	3.82	43	814633	97.420	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97083	20.445	ug/l	99
25) 2-Butanone	4.70	43	313770	103.151	ug/l	100
26) 2,2-Dichloropropane	4.59	77	81285	20.769	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66397	19.729	ug/l	98
28) Bromochloromethane	5.02	49	61645	22.274	ug/l	98
29) Tetrahydrofuran	5.15	42	201983	106.444	ug/l	99
30) Chloroform	5.21	83	113503	19.725	ug/l	98
31) Cyclohexane	5.57	56	94802	19.113	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	93768	20.181	ug/l	100
36) 1,1-Dichloropropene	5.80	75	82572	19.394	ug/l	99
37) Ethyl Acetate	4.85	43	111027	20.269	ug/l	100
38) Carbon Tetrachloride	5.79	117	75809	18.943	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91195	18.801	ug/l	97
40) Benzene	6.14	78	254559	20.294	ug/l	99
41) Methacrylonitrile	5.06	41	61427	20.349	ug/l	99
42) 1,2-Dichloroethane	6.20	62	93129	19.858	ug/l	98
43) Isopropyl Acetate	6.46	43	160591	20.301	ug/l	99
44) Trichloroethene	7.21	130	69238	19.860	ug/l	100
45) 1,2-Dichloropropane	7.52	63	69948	21.071	ug/l	93
46) Dibromomethane	7.66	93	43994	19.351	ug/l	98
47) Bromodichloromethane	7.90	83	78998	18.788	ug/l	97
48) Methyl methacrylate	7.77	41	84157	20.976	ug/l	98
49) 1,4-Dioxane	7.75	88	38608	405.616	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	597634	105.381	ug/l	99
52) Toluene	8.79	92	159158	20.514	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85004	19.373	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	95598	19.709	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	66510	19.794	ug/l	99
56) Ethyl methacrylate	9.18	69	92993	19.619	ug/l	98
57) 1,3-Dichloropropane	9.37	76	112022	20.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	293705	104.592	ug/l	99
59) 2-Hexanone	9.49	43	466887	103.737	ug/l	99
60) Dibromochloromethane	9.59	129	60579	18.389	ug/l	99
61) 1,2-Dibromoethane	9.67	107	70476	20.359	ug/l	99
64) Tetrachloroethene	9.34	164	72553	20.105	ug/l	98
65) Chlorobenzene	10.14	112	179137	19.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59480	19.261	ug/l	99
67) Ethyl Benzene	10.25	91	301665	20.483	ug/l	100
68) m/p-Xylenes	10.36	106	234412	40.874	ug/l	100
69) o-Xylene	10.70	106	113770	20.769	ug/l	99
70) Styrene	10.71	104	184809	20.691	ug/l	99
71) Bromoform	10.86	173	49052	17.745	ug/l #	98
73) Isopropylbenzene	11.02	105	306682	21.653	ug/l	100
74) N-amyl acetate	10.90	43	134474	20.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	105938	19.848	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101721m	21.107	ug/l	
77) Bromobenzene	11.26	156	83118	20.949	ug/l	99
78) n-propylbenzene	11.36	91	351142	21.289	ug/l	100
79) 2-Chlorotoluene	11.42	91	211014	21.146	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	256398	21.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27625	19.388	ug/l	95
82) 4-Chlorotoluene	11.51	91	247289	21.235	ug/l	99
83) tert-Butylbenzene	11.77	119	243484	20.886	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	262898	21.583	ug/l	100
85) sec-Butylbenzene	11.94	105	299283	20.989	ug/l	99
86) p-Isopropyltoluene	12.07	119	267588	21.048	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	147801	20.204	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149819	19.755	ug/l	98
89) n-Butylbenzene	12.39	91	235288	20.441	ug/l	99
90) Hexachloroethane	12.60	117	36332	17.908	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	148804	19.896	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24024	19.397	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108074	20.512	ug/l	100
94) Hexachlorobutadiene	13.79	225	50458	19.650	ug/l	99
95) Naphthalene	13.83	128	346735	22.380	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110482	20.569	ug/l	99

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

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