

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051419\
 Data File : VX009561.D
 Acq On : 14 May 2019 14:53
 Operator : JC/SP
 Sample : VX0514MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/15/2019 12:25:46 PM

Quant Time: May 15 08:33:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	164204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109743	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.50	113	81114	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	323165	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	116051	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28547	18.866	ug/l	99
3) Chloromethane	1.32	50	42939	20.785	ug/l	98
4) Vinyl Chloride	1.41	62	40945	20.325	ug/l	96
5) Bromomethane	1.64	94	26050	21.545	ug/l	100
6) Chloroethane	1.72	64	27579	21.323	ug/l	99
7) Trichlorofluoromethane	1.93	101	53644	21.907	ug/l	96
8) Diethyl Ether	2.19	74	24846	21.421	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32945	21.425	ug/l	98
10) Methyl Iodide	2.51	142	37291	23.548	ug/l	99
11) Tert butyl alcohol	3.04	59	55092	106.177	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32543	21.122	ug/l	99
13) Acrolein	2.29	56	35436	75.411	ug/l	98
14) Allyl chloride	2.73	41	78352	20.868	ug/l	98
15) Acrylonitrile	3.14	53	133015	104.845	ug/l	99
16) Acetone	2.44	43	133016	110.511	ug/l	96
17) Carbon Disulfide	2.57	76	89906	20.784	ug/l	100
18) Methyl Acetate	2.78	43	60650	21.188	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	128722	21.515	ug/l	99
20) Methylene Chloride	2.85	84	40037	20.544	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	35264	21.105	ug/l	96
22) Diisopropyl ether	3.85	45	156659	21.696	ug/l	96
23) Vinyl Acetate	3.81	43	693165	112.104	ug/l	100
24) 1,1-Dichloroethane	3.70	63	75756	21.267	ug/l	100
25) 2-Butanone	4.67	43	203502	108.800	ug/l	99
26) 2,2-Dichloropropane	4.59	77	58482	22.057	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	43278	21.700	ug/l	99
28) Bromochloromethane	5.01	49	25883	16.198	ug/l	100
29) Tetrahydrofuran	5.13	42	131670	109.396	ug/l	99
30) Chloroform	5.21	83	70011	21.731	ug/l	100
31) Cyclohexane	5.58	56	72005	21.727	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	58138	21.678	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52812	22.202	ug/l	99
37) Ethyl Acetate	4.83	43	74004	22.329	ug/l	98
38) Carbon Tetrachloride	5.78	117	48345	22.370	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65350	22.370	ug/l	96
40) Benzene	6.14	78	163740	22.242	ug/l	100
41) Methacrylonitrile	5.04	41	41780	21.177	ug/l	98
42) 1,2-Dichloroethane	6.19	62	59813	22.650	ug/l	100
43) Isopropyl Acetate	6.45	43	118055	22.269	ug/l	99
44) Trichloroethene	7.21	130	39235	22.046	ug/l	96
45) 1,2-Dichloropropane	7.51	63	47016	22.555	ug/l	99
46) Dibromomethane	7.66	93	26546	21.930	ug/l	97
47) Bromodichloromethane	7.90	83	52901	21.909	ug/l	98
48) Methyl methacrylate	7.77	41	59861	22.760	ug/l	99
49) 1,4-Dioxane	7.74	88	23232	435.561	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	389012	112.268	ug/l	100
52) Toluene	8.78	92	99620	22.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60966	22.363	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	67597	22.402	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	40377	22.116	ug/l	96
56) Ethyl methacrylate	9.18	69	72803	22.340	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71234	22.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174689	101.044	ug/l	99
59) 2-Hexanone	9.49	43	305176	112.140	ug/l	99
60) Dibromochloromethane	9.58	129	39713	22.272	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41426	22.479	ug/l	99
64) Tetrachloroethene	9.34	164	34891	21.978	ug/l	97
65) Chlorobenzene	10.13	112	103186	22.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37463	22.319	ug/l	99
67) Ethyl Benzene	10.25	91	192742	22.621	ug/l	99
68) m/p-Xylenes	10.36	106	141206	45.350	ug/l	99
69) o-Xylene	10.69	106	68142	22.181	ug/l	100
70) Styrene	10.71	104	118825	22.254	ug/l	98
71) Bromoform	10.85	173	29630	21.722	ug/l #	99
73) Isopropylbenzene	11.02	105	185373	22.298	ug/l	99
74) N-amyl acetate	10.90	43	106853	22.046	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68258	22.025	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59102m	22.286	ug/l	
77) Bromobenzene	11.26	156	45129	21.870	ug/l	100
78) n-propylbenzene	11.36	91	212387	22.369	ug/l	99
79) 2-Chlorotoluene	11.42	91	125949	21.502	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155717	22.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22374	21.587	ug/l	96
82) 4-Chlorotoluene	11.51	91	144347	21.813	ug/l	100
83) tert-Butylbenzene	11.77	119	149853	22.006	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	158321	22.533	ug/l	99
85) sec-Butylbenzene	11.94	105	177712	22.012	ug/l	100
86) p-Isopropyltoluene	12.06	119	163797	22.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81312	22.105	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	81204	21.896	ug/l	99
89) n-Butylbenzene	12.38	91	147681	22.513	ug/l	100
90) Hexachloroethane	12.60	117	26697	21.591	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	82246	21.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15678	22.551	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	58308	22.758	ug/l	98
94) Hexachlorobutadiene	13.78	225	30203	23.084	ug/l	98
95) Naphthalene	13.83	128	187792	22.529	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58880	22.671	ug/l	100

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

