

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009529.D
 Acq On : 11 May 2019 16:40
 Operator : JC/SP
 Sample : VX0511MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 4:27:28 PM

Quant Time: May 12 02:35:54 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	163011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262323	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114094	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.50	113	82918	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	8.71	98	334057	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	119685	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27976	18.624	ug/l	98
3) Chloromethane	1.32	50	42867	20.902	ug/l	98
4) Vinyl Chloride	1.40	62	42686	21.345	ug/l	99
5) Bromomethane	1.64	94	24727	20.600	ug/l	95
6) Chloroethane	1.72	64	27194	21.180	ug/l	98
7) Trichlorofluoromethane	1.93	101	52733	21.693	ug/l	100
8) Diethyl Ether	2.18	74	25200	21.885	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31949	20.929	ug/l	99
10) Methyl Iodide	2.51	142	33847	21.924	ug/l	99
11) Tert butyl alcohol	3.04	59	55478	107.703	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33208	21.711	ug/l	92
13) Acrolein	2.29	56	41948	89.922	ug/l	98
14) Allyl chloride	2.73	41	76312	20.473	ug/l	99
15) Acrylonitrile	3.14	53	136586	108.448	ug/l	99
16) Acetone	2.44	43	118250	98.963	ug/l	96
17) Carbon Disulfide	2.57	76	91289	21.259	ug/l	98
18) Methyl Acetate	2.77	43	59323	20.876	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	125898	21.197	ug/l	100
20) Methylene Chloride	2.85	84	39826	20.585	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	35389	21.335	ug/l	98
22) Diisopropyl ether	3.85	45	155736	21.726	ug/l	96
23) Vinyl Acetate	3.81	43	683349	111.326	ug/l	100
24) 1,1-Dichloroethane	3.70	63	74609	21.099	ug/l	99
25) 2-Butanone	4.67	43	199964	107.691	ug/l	100
26) 2,2-Dichloropropane	4.59	77	48293	18.347	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42137	21.282	ug/l	98
28) Bromochloromethane	5.01	49	30360	19.665	ug/l	100
29) Tetrahydrofuran	5.13	42	133620	111.829	ug/l	100
30) Chloroform	5.21	83	69296	21.667	ug/l	96
31) Cyclohexane	5.58	56	72897	22.157	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	56454	21.204	ug/l	99
36) 1,1-Dichloropropene	5.80	75	51944	21.308	ug/l	99
37) Ethyl Acetate	4.84	43	74992	22.079	ug/l	99
38) Carbon Tetrachloride	5.78	117	47018	21.228	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63109	21.080	ug/l	100
40) Benzene	6.14	78	163074	21.615	ug/l	99
41) Methacrylonitrile	5.04	41	42838	21.187	ug/l	99
42) 1,2-Dichloroethane	6.20	62	59302	21.912	ug/l	100
43) Isopropyl Acetate	6.45	43	118656	21.840	ug/l	100
44) Trichloroethene	7.21	130	38429	21.070	ug/l	97
45) 1,2-Dichloropropane	7.51	63	45846	21.460	ug/l	99
46) Dibromomethane	7.66	93	26400	21.280	ug/l	97
47) Bromodichloromethane	7.90	83	52133	21.067	ug/l	99
48) Methyl methacrylate	7.77	41	58519	21.710	ug/l	99
49) 1,4-Dioxane	7.74	88	23959	438.301	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	393795	110.893	ug/l	99
52) Toluene	8.78	92	99231	21.637	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57380	20.538	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	64408	20.828	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	40066	21.414	ug/l	95
56) Ethyl methacrylate	9.18	69	71925	21.535	ug/l	100
57) 1,3-Dichloropropane	9.37	76	70557	21.429	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	171988	97.070	ug/l	100
59) 2-Hexanone	9.49	43	303296	108.747	ug/l	98
60) Dibromochloromethane	9.58	129	38832	21.250	ug/l	99
61) 1,2-Dibromoethane	9.67	107	40897	21.654	ug/l	99
64) Tetrachloroethene	9.34	164	35903	21.986	ug/l	98
65) Chlorobenzene	10.14	112	100964	21.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36694	21.253	ug/l	99
67) Ethyl Benzene	10.25	91	188083	21.460	ug/l	100
68) m/p-Xylenes	10.36	106	139603	43.587	ug/l	99
69) o-Xylene	10.69	106	67211	21.269	ug/l	98
70) Styrene	10.71	104	118276	21.534	ug/l	99
71) Bromoform	10.85	173	28104	20.030	ug/l #	96
73) Isopropylbenzene	11.02	105	180479	21.595	ug/l	100
74) N-amyl acetate	10.90	43	103501	21.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66048	21.200	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57811m	21.686	ug/l	
77) Bromobenzene	11.26	156	44271	21.342	ug/l	99
78) n-propylbenzene	11.36	91	204565	21.433	ug/l	100
79) 2-Chlorotoluene	11.42	91	123291	20.938	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	152606	21.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19949	19.147	ug/l	92
82) 4-Chlorotoluene	11.51	91	140308	21.092	ug/l	100
83) tert-Butylbenzene	11.77	119	144447	21.101	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	153201	21.690	ug/l	100
85) sec-Butylbenzene	11.94	105	173117	21.331	ug/l	99
86) p-Isopropyltoluene	12.06	119	155939	21.373	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	76986	20.819	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77622	20.821	ug/l	99
89) n-Butylbenzene	12.38	91	135823	20.597	ug/l	100
90) Hexachloroethane	12.60	117	25303	20.356	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	78352	20.803	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15310	21.906	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54566	21.186	ug/l	98
94) Hexachlorobutadiene	13.78	225	27756	21.103	ug/l	98
95) Naphthalene	13.83	128	184686	22.040	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57057	21.854	ug/l	99

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

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