

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055358.D
 Acq On : 2 May 2019 18:50
 Operator : JC/SP
 Sample : K2658-10MS 5X
 Misc : 6.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E2-3(14-17)MS

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:10:22 PM

Quant Time: May 03 05:03:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	589368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	535305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	245254	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.59	113	191309	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	749370	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.40	95	464581	106.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	200423	44.459	ug/l	97
3) Chloromethane	2.06	50	238831	42.785	ug/l	99
4) Vinyl Chloride	2.19	62	202070	44.908	ug/l	99
5) Bromomethane	2.54	94	108475	45.512	ug/l	99
6) Chloroethane	2.69	64	115144	47.237	ug/l	100
7) Trichlorofluoromethane	3.01	101	284929	44.531	ug/l	95
8) Diethyl Ether	3.41	74	112141	50.095	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170402	44.723	ug/l	98
10) Methyl Iodide	3.96	142	244564	45.610	ug/l	100
11) Tert butyl alcohol	4.79	59	91820	333.179	ug/l	99
12) 1,1-Dichloroethene	3.74	96	168124	46.256	ug/l	99
13) Acrolein	3.61	56	47724	221.741	ug/l	98
14) Allyl chloride	4.33	41	363548	48.294	ug/l	98
15) Acrylonitrile	4.99	53	443629	286.388	ug/l	99
16) Acetone	3.82	43	370241	246.855	ug/l	98
17) Carbon Disulfide	4.06	76	383327	40.412	ug/l	97
18) Methyl Acetate	4.33	43	224269	61.623	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	551122	53.937	ug/l	100
20) Methylene Chloride	4.55	84	204113	44.586	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	175261	45.530	ug/l	100
22) Diisopropyl ether	5.95	45	767694	51.327	ug/l	98
23) Vinyl Acetate	5.90	43	2764065	281.969	ug/l	99
24) 1,1-Dichloroethane	5.85	63	380383	47.732	ug/l	99
25) 2-Butanone	6.84	43	568836	296.564	ug/l	100
26) 2,2-Dichloropropane	6.83	77	238732	43.382	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	212970	48.651	ug/l	100
28) Bromochloromethane	7.20	49	196458	48.907	ug/l	98
29) Tetrahydrofuran	7.21	42	376991	306.944	ug/l	100
30) Chloroform	7.37	83	361424	47.843	ug/l	99
31) Cyclohexane	7.66	56	342937	45.293	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	288842	47.111	ug/l	99
36) 1,1-Dichloropropene	7.80	75	259095	45.896	ug/l	99
37) Ethyl Acetate	6.93	43	243269	56.226	ug/l	98
38) Carbon Tetrachloride	7.78	117	233775	42.929	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	415290	69.191	ug/l	98
40) Benzene	8.04	78	792195	47.603	ug/l	99
41) Methacrylonitrile	7.17	41	130597	55.687	ug/l	98
42) 1,2-Dichloroethane	8.13	62	287624	48.798	ug/l	100
43) Isopropyl Acetate	8.17	43	430775	61.954	ug/l	97
44) Trichloroethene	8.84	130	197549	46.565	ug/l	99
45) 1,2-Dichloropropane	9.12	63	232774	48.497	ug/l	99
46) Dibromomethane	9.21	93	132043	50.329	ug/l	99
47) Bromodichloromethane	9.40	83	276091	49.054	ug/l	98
48) Methyl methacrylate	9.20	41	201103	58.834	ug/l	99
49) 1,4-Dioxane	9.20	88	46939	1328.413	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1236489	315.858	ug/l	99
52) Toluene	10.16	92	476278	49.879	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	269657	55.190	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	317087	52.051	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	160515	45.269	ug/l #	25
56) Ethyl methacrylate	10.43	69	413415	94.727	ug/l	87
57) 1,3-Dichloropropane	10.71	76	324748	52.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	436770	318.874	ug/l	100
59) 2-Hexanone	10.75	43	711878	290.637	ug/l	88
60) Dibromochloromethane	10.90	129	187734	51.804	ug/l	99
61) 1,2-Dibromoethane	11.01	107	176217	53.769	ug/l	97
64) Tetrachloroethene	10.63	164	185943	42.476	ug/l	98
65) Chlorobenzene	11.44	112	500982	47.868	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180600	44.069	ug/l	99
67) Ethyl Benzene	11.51	91	2521669	133.426	ug/l	99
68) m/p-Xylenes	11.62	106	2869073	425.300	ug/l	99
69) o-Xylene	11.95	106	482743	72.198	ug/l	94
70) Styrene	11.96	104	577145	56.217	ug/l	93
71) Bromoform	12.13	173	117331	51.597	ug/l #	99
73) Isopropylbenzene	12.25	105	3617508	166.894	ug/l	100
74) N-amyl acetate	12.05	43	1667558	227.961	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.51	83	108603	17.140	ug/l #	2
76) 1,2,3-Trichloropropane	12.55	75	224549m	41.979	ug/l	
77) Bromobenzene	12.53	156	215917	39.235	ug/l	89
78) n-propylbenzene	12.59	91	8891314	303.675	ug/l	99
79) 2-Chlorotoluene	12.68	91	994936m	65.217	ug/l	
80) 1,3,5-Trimethylbenzene	12.73	105	13225529	591.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	56943	37.859	ug/l #	35
82) 4-Chlorotoluene	12.78	91	557855	32.769	ug/l	87
83) tert-Butylbenzene	12.99	119	1112160	71.571	ug/l	97
84) 1,2,4-Trimethylbenzene	13.03	105	21277438m	1064.674	ug/l	
85) sec-Butylbenzene	13.17	105	4949026	203.766	ug/l	79
86) p-Isopropyltoluene	13.29	119	4469081	223.874	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	358769	37.615	ug/l #	74
88) 1,4-Dichlorobenzene	13.36	146	342517	38.133	ug/l #	79
89) n-Butylbenzene	13.62	91	5110440m	360.270	ug/l	
90) Hexachloroethane	13.89	117	626018	202.874	ug/l #	23
91) 1,2-Dichlorobenzene	13.65	146	349866	37.010	ug/l #	77
92) 1,2-Dibromo-3-Chloropropan	14.26	75	49378m	65.848	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	229570	60.831	ug/l #	64
94) Hexachlorobutadiene	15.01	225	152211	53.717	ug/l	97
95) Naphthalene	15.13	128	2101022	250.864	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	217940	58.891	ug/l #	87

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

