

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042519\
 Data File : VN055242.D
 Acq On : 25 Apr 2019 13:27
 Operator : JC/SP
 Sample : VN0425MBS01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0425MBS01

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 10:59:09 AM

Quant Time: Apr 26 03:22:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	658461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219439	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	280175	51.90	ug/l	0.00
Spiked Amount						
			Recovery	=	103.80%	
35) Dibromofluoromethane	7.59	113	222008	49.63	ug/l	0.00
Spiked Amount						
			Recovery	=	99.26%	
50) Toluene-d8	10.09	98	815596	49.21	ug/l	0.00
Spiked Amount						
			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	262566	50.03	ug/l	0.00
Spiked Amount						
			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	113363	22.074	ug/l	99
3) Chloromethane	2.06	50	134080	21.306	ug/l	97
4) Vinyl Chloride	2.19	62	104747	20.772	ug/l	96
5) Bromomethane	2.56	94	56769	19.413	ug/l	99
6) Chloroethane	2.70	64	55566	20.907	ug/l	97
7) Trichlorofluoromethane	3.02	101	150978	22.002	ug/l	100
8) Diethyl Ether	3.41	74	52153	21.293	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	85874	20.054	ug/l	97
10) Methyl Iodide	3.95	142	127383	21.213	ug/l	99
11) Tert butyl alcohol	4.79	59	36568	116.018	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	84640	20.625	ug/l	93
13) Acrolein	3.61	56	36377	83.571	ug/l	100
14) Allyl chloride	4.33	41	173031	21.329	ug/l	99
15) Acrylonitrile	4.99	53	190827	110.394	ug/l	99
16) Acetone	3.82	43	157914	88.479	ug/l	99
17) Carbon Disulfide	4.06	76	224803	19.595	ug/l	100
18) Methyl Acetate	4.33	43	92489	23.519	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	247499	21.814	ug/l	99
20) Methylene Chloride	4.55	84	103334	20.140	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	90486	21.027	ug/l	98
22) Diisopropyl ether	5.95	45	351476	21.735	ug/l	97
23) Vinyl Acetate	5.90	43	1235245	113.671	ug/l	99
24) 1,1-Dichloroethane	5.85	63	185205	21.293	ug/l	99
25) 2-Butanone	6.84	43	234949	101.966	ug/l	99
26) 2,2-Dichloropropane	6.83	77	121663	20.670	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	105342	21.236	ug/l	99
28) Bromochloromethane	7.19	49	92938	20.961	ug/l	98
29) Tetrahydrofuran	7.21	42	154901	109.338	ug/l	99
30) Chloroform	7.37	83	173932	21.022	ug/l	98
31) Cyclohexane	7.65	56	174024	20.605	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	140446	21.129	ug/l	98
36) 1,1-Dichloropropene	7.79	75	129305	21.158	ug/l	99
37) Ethyl Acetate	6.93	43	105380	21.366	ug/l	98
38) Carbon Tetrachloride	7.77	117	120836	21.114	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	139784	19.172	ug/l	100
40) Benzene	8.04	78	394284	20.899	ug/l	99
41) Methacrylonitrile	7.17	41	54806	21.195	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	137030	20.820	ug/l	100
43) Isopropyl Acetate	8.17	43	187952	23.533	ug/l	97
44) Trichloroethene	8.83	130	96151	20.164	ug/l	98
45) 1,2-Dichloropropane	9.12	63	110724	20.792	ug/l	97
46) Dibromomethane	9.21	93	63475	20.821	ug/l	97
47) Bromodichloromethane	9.40	83	127953	20.966	ug/l	97
48) Methyl methacrylate	9.20	41	86013	22.201	ug/l	95
49) 1,4-Dioxane	9.20	88	19006	424.802	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	492199	107.095	ug/l	99
52) Toluene	10.16	92	226610	20.489	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	120352	21.489	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	145438	20.926	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	84924	20.828	ug/l	99
56) Ethyl methacrylate	10.43	69	107744	21.212	ug/l	97
57) 1,3-Dichloropropane	10.71	76	149613	21.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	161918	90.277	ug/l	99
59) 2-Hexanone	10.75	43	315651	108.733	ug/l	100
60) Dibromochloromethane	10.90	129	87779	20.901	ug/l	97
61) 1,2-Dibromoethane	11.00	107	82081	21.411	ug/l	97
64) Tetrachloroethene	10.63	164	93831	20.361	ug/l	98
65) Chlorobenzene	11.43	112	231774	20.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	87778	20.540	ug/l	99
67) Ethyl Benzene	11.51	91	421559	20.524	ug/l	100
68) m/p-Xylenes	11.62	106	310710	42.178	ug/l	99
69) o-Xylene	11.95	106	153357	20.977	ug/l	99
70) Styrene	11.96	104	242513	21.401	ug/l	98
71) Bromoform	12.13	173	53548	20.997	ug/l #	99
73) Isopropylbenzene	12.25	105	407057	21.815	ug/l	99
74) N-amyl acetate	12.07	43	121567	21.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	108446	22.981	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	90528m	20.335	ug/l	
77) Bromobenzene	12.53	156	97713	20.170	ug/l	99
78) n-propylbenzene	12.59	91	438149	19.910	ug/l	100
79) 2-Chlorotoluene	12.67	91	276843	19.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	333684	20.313	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22465	19.129	ug/l	94
82) 4-Chlorotoluene	12.77	91	256201	20.039	ug/l	100
83) tert-Butylbenzene	12.99	119	285828	21.921	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	314604	20.294	ug/l	99
85) sec-Butylbenzene	13.17	105	360503	19.398	ug/l	100
86) p-Isopropyltoluene	13.29	119	309648	20.224	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	151595	20.385	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	142736	19.714	ug/l	99
89) n-Butylbenzene	13.61	91	227879	20.080	ug/l	98
90) Hexachloroethane	13.87	117	50733	18.683	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	150837	19.747	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12698	19.056	ug/l	92

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93) 1,2,4-Trichlorobenzene	14.91	180	48060	16.815	ug/l	99
94) Hexachlorobutadiene	15.01	225	51070	21.653	ug/l	99
95) Naphthalene	15.13	128	106233	17.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50722	17.278	ug/l	96

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

