

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054777.D
 Acq On : 29 Mar 2019 18:25
 Operator : JC/SP
 Sample : VN0329MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 3:59:08 PM

Quant Time: Mar 30 21:51:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	427703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	720257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	260891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	309879	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	240566	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	882305	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	293307	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	88244	20.397	ug/l	97
3) Chloromethane	2.06	50	120821	20.198	ug/l	100
4) Vinyl Chloride	2.19	62	106854	19.892	ug/l	98
5) Bromomethane	2.57	94	62524	20.892	ug/l	96
6) Chloroethane	2.71	64	59170	19.726	ug/l	99
7) Trichlorofluoromethane	3.02	101	133112	20.156	ug/l	100
8) Diethyl Ether	3.41	74	45344	21.323	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	69004	19.848	ug/l	95
10) Methyl Iodide	3.94	142	97345	20.453	ug/l #	88
11) Tert butyl alcohol	4.83	59	38525	128.247	ug/l	98
12) 1,1-Dichloroethene	3.73	96	69086	20.549	ug/l #	75
13) Acrolein	3.61	56	29145	108.528	ug/l	96
14) Allyl chloride	4.32	41	166070	20.054	ug/l #	90
15) Acrylonitrile	5.00	53	197073	118.029	ug/l	99
16) Acetone	3.82	43	146200	106.336	ug/l #	81
17) Carbon Disulfide	4.04	76	199908	18.333	ug/l	98
18) Methyl Acetate	4.33	43	85680	23.437	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	259524	22.068	ug/l	97
20) Methylene Chloride	4.54	84	101963	21.024	ug/l #	85
21) trans-1,2-Dichloroethene	5.03	96	88850	20.120	ug/l	87
22) Diisopropyl ether	5.96	45	350067	21.374	ug/l #	93
23) Vinyl Acetate	5.90	43	1263041	110.814	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	186483	21.344	ug/l	97
25) 2-Butanone	6.85	43	244560	120.334	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	119944	19.587	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	106399	21.329	ug/l	88
28) Bromochloromethane	7.19	49	99001	22.661	ug/l #	69
29) Tetrahydrofuran	7.22	42	168436	119.326	ug/l #	83
30) Chloroform	7.37	83	177739	21.335	ug/l	99
31) Cyclohexane	7.65	56	178830	21.280	ug/l	87
32) 1,1,1-Trichloroethane	7.57	97	144646	20.951	ug/l	94
36) 1,1-Dichloropropene	7.79	75	130154	19.393	ug/l	97
37) Ethyl Acetate	6.94	43	111077	22.569	ug/l #	96
38) Carbon Tetrachloride	7.77	117	123203	18.900	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	142888	19.366	ug/l	89
40) Benzene	8.04	78	394893	20.563	ug/l	99
41) Methacrylonitrile	7.18	41	50969	18.435	ug/l	97
42) 1,2-Dichloroethane	8.13	62	143375	20.909	ug/l	97
43) Isopropyl Acetate	8.17	43	178040	22.263	ug/l #	92
44) Trichloroethene	8.84	130	104102	20.883	ug/l	94
45) 1,2-Dichloropropane	9.12	63	111164	20.301	ug/l	97
46) Dibromomethane	9.21	93	65326	21.207	ug/l	87
47) Bromodichloromethane	9.40	83	130344	20.360	ug/l	97
48) Methyl methacrylate	9.20	41	92626	21.367	ug/l #	85
49) 1,4-Dioxane	9.20	88	19905	462.773	ug/l #	82
51) 4-Methyl-2-Pentanone	9.99	43	522803	116.279	ug/l	93
52) Toluene	10.16	92	232010	20.304	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	117540	19.518	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	143850	19.997	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	89030	20.953	ug/l	93
56) Ethyl methacrylate	10.43	69	115055	20.642	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	157639	21.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	229234	101.875	ug/l #	88
59) 2-Hexanone	10.75	43	321367	111.655	ug/l	91
60) Dibromochloromethane	10.90	129	89424	20.776	ug/l	98
61) 1,2-Dibromoethane	11.01	107	84832	20.892	ug/l	98
64) Tetrachloroethene	10.63	164	98559	20.883	ug/l	96
65) Chlorobenzene	11.43	112	241726	20.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	91490	20.299	ug/l	99
67) Ethyl Benzene	11.51	91	440917	20.291	ug/l	97
68) m/p-Xylenes	11.62	106	327105	40.678	ug/l	95
69) o-Xylene	11.95	106	159760	20.260	ug/l	94
70) Styrene	11.97	104	264436	20.974	ug/l	97
71) Bromoform	12.13	173	52914	20.040	ug/l #	99
73) Isopropylbenzene	12.25	105	421597	19.771	ug/l	97
74) N-amyl acetate	12.07	43	138496	20.847	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	110868	22.648	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	93683m	20.670	ug/l	
77) Bromobenzene	12.53	156	103247	20.062	ug/l	84
78) n-propylbenzene	12.59	91	468463	19.988	ug/l	96
79) 2-Chlorotoluene	12.67	91	289031	19.933	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	350327	20.022	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	20577	17.660	ug/l #	74
82) 4-Chlorotoluene	12.77	91	281231	19.968	ug/l	94
83) tert-Butylbenzene	12.99	119	297922	20.755	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	342722	20.560	ug/l	97
85) sec-Butylbenzene	13.17	105	376011	19.782	ug/l	98
86) p-Isopropyltoluene	13.29	119	328501	19.595	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	168438	19.548	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	165161	19.543	ug/l	97
89) n-Butylbenzene	13.62	91	255998	18.716	ug/l	96
90) Hexachloroethane	13.87	117	49685	17.456	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	169515	19.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15882	21.786	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73899	17.627	ug/l	99
94) Hexachlorobutadiene	15.01	225	50393	18.992	ug/l	98
95) Naphthalene	15.13	128	176258	18.745	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	78383	18.513	ug/l	98

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

