

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054868.D
 Acq On : 1 Apr 2019 12:26
 Operator : JC/SP
 Sample : VN0401MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 10:51:43 AM

Quant Time: Apr 02 04:40:53 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	7.66	168	361745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	610535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	228629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	255261	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.59	113	203211	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.09	98	739969	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	243326	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	75734	20.698	ug/l	100
3) Chloromethane	2.06	50	109028	21.550	ug/l	99
4) Vinyl Chloride	2.19	62	96953	21.339	ug/l	100
5) Bromomethane	2.57	94	55073	21.855	ug/l	97
6) Chloroethane	2.71	64	53713	21.172	ug/l	98
7) Trichlorofluoromethane	3.02	101	123881	22.178	ug/l	96
8) Diethyl Ether	3.41	74	42298	23.517	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	3.75	101	65482	22.269	ug/l	93
10) Methyl Iodide	3.94	142	77435	19.236	ug/l #	88
11) Tert butyl alcohol	4.83	59	32403	127.535	ug/l	100
12) 1,1-Dichloroethene	3.73	96	64738	22.767	ug/l #	79
13) Acrolein	3.61	56	22491	99.021	ug/l	96
14) Allyl chloride	4.31	41	154001	21.988	ug/l #	93
15) Acrylonitrile	5.00	53	167095	118.322	ug/l	99
16) Acetone	3.82	43	137872	118.563	ug/l #	80
17) Carbon Disulfide	4.04	76	188632	20.453	ug/l	99
18) Methyl Acetate	4.33	43	78423	25.441	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	230891	23.213	ug/l	95
20) Methylene Chloride	4.55	84	91429	22.290	ug/l #	83
21) trans-1,2-Dichloroethene	5.04	96	81488	21.818	ug/l #	80
22) Diisopropyl ether	5.96	45	323099	23.324	ug/l #	95
23) Vinyl Acetate	5.90	43	1128598	117.072	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	171670	23.231	ug/l	97
25) 2-Butanone	6.85	43	211795	123.214	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	114728	22.151	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	96971	22.983	ug/l	87
28) Bromochloromethane	7.19	49	81566	22.074	ug/l #	72
29) Tetrahydrofuran	7.22	42	139782	117.083	ug/l #	85
30) Chloroform	7.37	83	167499	23.771	ug/l	100
31) Cyclohexane	7.65	56	158762	22.443	ug/l	88
32) 1,1,1-Trichloroethane	7.57	97	133850	22.922	ug/l	95
36) 1,1-Dichloropropene	7.79	75	121395	21.339	ug/l	95
37) Ethyl Acetate	6.94	43	96662	23.170	ug/l #	93
38) Carbon Tetrachloride	7.77	117	115096	20.830	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	132316	21.156	ug/l	88
40) Benzene	8.04	78	365229	22.436	ug/l	99
41) Methacrylonitrile	7.18	41	55506	23.684	ug/l	89
42) 1,2-Dichloroethane	8.12	62	130237	22.407	ug/l	98
43) Isopropyl Acetate	8.17	43	154752	22.829	ug/l #	93
44) Trichloroethene	8.83	130	93888	22.218	ug/l	91
45) 1,2-Dichloropropane	9.12	63	103216	22.237	ug/l	93
46) Dibromomethane	9.21	93	57316	21.951	ug/l	90
47) Bromodichloromethane	9.40	83	122211	22.521	ug/l	99
48) Methyl methacrylate	9.20	41	79415	21.612	ug/l	89
49) 1,4-Dioxane	9.21	88	18674	512.177	ug/l #	83
51) 4-Methyl-2-Pentanone	9.99	43	440911	115.689	ug/l	92
52) Toluene	10.16	92	213226	22.013	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	106432	20.850	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	134892	22.121	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	82374	22.871	ug/l	96
56) Ethyl methacrylate	10.43	69	104432	22.103	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	143471	23.170	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	183046	96.569	ug/l	90
59) 2-Hexanone	10.75	43	275063	112.742	ug/l	90
60) Dibromochloromethane	10.90	129	82941	22.733	ug/l	100
61) 1,2-Dibromoethane	11.00	107	78695	22.863	ug/l	98
64) Tetrachloroethene	10.63	164	90136	22.053	ug/l	95
65) Chlorobenzene	11.43	112	224610	21.538	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	84732	21.708	ug/l	99
67) Ethyl Benzene	11.51	91	408317	21.698	ug/l	95
68) m/p-Xylenes	11.62	106	303028	43.513	ug/l	95
69) o-Xylene	11.95	106	145796	21.350	ug/l	92
70) Styrene	11.96	104	239834	21.965	ug/l	97
71) Bromoform	12.13	173	47614	20.822	ug/l #	99
73) Isopropylbenzene	12.25	105	391398	20.945	ug/l	97
74) N-amyl acetate	12.07	43	117399	20.165	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	98476	22.979	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	91768m	23.105	ug/l	
77) Bromobenzene	12.53	156	94795	21.019	ug/l	84
78) n-propylbenzene	12.59	91	427991	20.838	ug/l	96
79) 2-Chlorotoluene	12.67	91	267082	21.019	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	321580	20.972	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	19784	19.375	ug/l #	78
82) 4-Chlorotoluene	12.77	91	253625	20.549	ug/l	97
83) tert-Butylbenzene	12.99	119	275847	22.052	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	313720	21.476	ug/l	98
85) sec-Butylbenzene	13.17	105	354053	21.256	ug/l	97
86) p-Isopropyltoluene	13.29	119	310337	21.124	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	156797	20.765	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	149049	20.125	ug/l	98
89) n-Butylbenzene	13.61	91	235225	19.624	ug/l	98
90) Hexachloroethane	13.87	117	50247	20.144	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	157375	20.651	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14262	22.325	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71058	19.341	ug/l	97
94) Hexachlorobutadiene	15.01	225	50000	21.793	ug/l	100
95) Naphthalene	15.13	128	153433	18.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	72502	19.540	ug/l	96

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

