

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059814.D
 Acq On : 21 Jan 2020 17:34
 Operator : JC/MD
 Sample : VN0121MBSD03
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBSD03

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:15:15 AM

Quant Time: Jan 22 03:43:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125013	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106145	48.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.12%	
35) Dibromofluoromethane	7.57	113	89984	49.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.44%	
50) Toluene-d8	10.08	98	342356	48.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.40	95	118131	46.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	43048	18.216	ug/l	99
3) Chloromethane	2.04	50	39712	17.621	ug/l	97
4) Vinyl Chloride	2.17	62	51649	20.030	ug/l	99
5) Bromomethane	2.54	94	30435	19.341	ug/l	97
6) Chloroethane	2.68	64	23833	19.536	ug/l	99
7) Trichlorofluoromethane	3.00	101	60369	19.494	ug/l	99
8) Diethyl Ether	3.38	74	21140	19.452	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34474	20.002	ug/l	92
10) Methyl Iodide	3.93	142	52003	18.667	ug/l	95
11) Tert butyl alcohol	4.73	59	34750	94.426	ug/l	97
12) 1,1-Dichloroethene	3.72	96	34126	18.949	ug/l	89
13) Acrolein	3.58	56	15179	58.267	ug/l	98
14) Allyl chloride	4.29	41	44468	18.319	ug/l #	85
15) Acrylonitrile	4.95	53	79957	95.248	ug/l	99
16) Acetone	3.78	43	77920	98.437	ug/l	96
17) Carbon Disulfide	4.03	76	90562	17.652	ug/l	99
18) Methyl Acetate	4.29	43	48791	19.108	ug/l #	89
19) Methyl tert-butyl Ether	5.01	73	114966	19.579	ug/l	95
20) Methylene Chloride	4.52	84	39088	18.960	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	36360	18.993	ug/l	84
22) Diisopropyl ether	5.92	45	102353	18.606	ug/l #	93
23) Vinyl Acetate	5.86	43	403361	94.703	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	62840	18.695	ug/l	97
25) 2-Butanone	6.80	43	108658	87.772	ug/l #	88
26) 2,2-Dichloropropane	6.80	77	60926	18.854	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	43257	19.645	ug/l	86
28) Bromochloromethane	7.17	49	24556	18.278	ug/l #	70
29) Tetrahydrofuran	7.18	42	69206	90.354	ug/l #	86
30) Chloroform	7.35	83	68291	19.608	ug/l	99
31) Cyclohexane	7.63	56	58083	17.958	ug/l #	86
32) 1,1,1-Trichloroethane	7.55	97	62432	19.388	ug/l	95
36) 1,1-Dichloropropene	7.77	75	48377	18.304	ug/l	96
37) Ethyl Acetate	6.90	43	45599	18.395	ug/l	96
38) Carbon Tetrachloride	7.75	117	56431	19.628	ug/l	97

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39) Methylcyclohexane	9.07	83	59598	18.288	ug/l	92
40) Benzene	8.02	78	148707	18.866	ug/l	100
41) Methacrylonitrile	7.14	41	16833m	13.786	ug/l	
42) 1,2-Dichloroethane	8.10	62	52088	19.490	ug/l	97
43) Isopropyl Acetate	8.14	43	76878	18.030	ug/l #	94
44) Trichloroethene	8.82	130	42568	19.782	ug/l	97
45) 1,2-Dichloropropane	9.10	63	37682	19.319	ug/l	98
46) Dibromomethane	9.19	93	26700	19.406	ug/l #	89
47) Bromodichloromethane	9.39	83	54795	19.763	ug/l	96
48) Methyl methacrylate	9.18	41	32375	16.975	ug/l #	84
49) 1,4-Dioxane	9.18	88	13094	375.038	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	225433	91.462	ug/l	95
52) Toluene	10.14	92	94465	18.973	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	58474	18.888	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	63120	19.377	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38623	19.586	ug/l	97
56) Ethyl methacrylate	10.42	69	53960	17.908	ug/l	93
57) 1,3-Dichloropropane	10.70	76	61776	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	79904	88.043	ug/l #	90
59) 2-Hexanone	10.74	43	163427	90.002	ug/l	94
60) Dibromochloromethane	10.89	129	43876	19.539	ug/l	99
61) 1,2-Dibromoethane	10.99	107	39760	19.237	ug/l	99
64) Tetrachloroethene	10.62	164	43633	19.743	ug/l	93
65) Chlorobenzene	11.43	112	102638	19.257	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40299	19.568	ug/l	99
67) Ethyl Benzene	11.50	91	184107	19.028	ug/l	100
68) m/p-Xylenes	11.62	106	140325	38.394	ug/l	93
69) o-Xylene	11.94	106	67748	18.934	ug/l	94
70) Styrene	11.96	104	108670	18.150	ug/l	96
71) Bromoform	12.12	173	32501	19.702	ug/l #	98
73) Isopropylbenzene	12.25	105	181014	19.743	ug/l	99
74) N-amyl acetate	12.07	43	63150	17.751	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	51864	19.513	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	48190m	22.906	ug/l	
77) Bromobenzene	12.52	156	47236	20.345	ug/l	80
78) n-propylbenzene	12.59	91	198795	19.318	ug/l	97
79) 2-Chlorotoluene	12.67	91	118368	19.335	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	149598	19.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18883	19.275	ug/l	94
82) 4-Chlorotoluene	12.77	91	121240	19.745	ug/l	97
83) tert-Butylbenzene	12.99	119	133253	19.982	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	148808	19.508	ug/l	97
85) sec-Butylbenzene	13.17	105	170408	19.449	ug/l	99
86) p-Isopropyltoluene	13.29	119	155670	19.202	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	79170	19.630	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	76956	19.127	ug/l	98
89) n-Butylbenzene	13.61	91	129232	18.695	ug/l	98
90) Hexachloroethane	13.87	117	28838	19.012	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	77873	19.531	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11472	18.806	ug/l	82

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93) 1,2,4-Trichlorobenzene	14.91	180	45988	19.195	ug/l	99
94) Hexachlorobutadiene	15.01	225	26016	19.706	ug/l	100
95) Naphthalene	15.13	128	126004	18.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45677	19.587	ug/l	98

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

