

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062120.D
 Acq On : 25 Jun 2020 18:54
 Operator : JC/MD
 Sample : VN0625MBSD01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 10:34:16 AM

Quant Time: Jun 26 04:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	267003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194680	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	176256	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	7.55	113	143577	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
50) Toluene-d8	10.06	98	573697	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.38	95	191640	46.91	ug/l	0.00
Spiked Amount			Recovery	=	93.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	53885	17.855	ug/l	98
3) Chloromethane	2.03	50	73164	19.783	ug/l	98
4) Vinyl Chloride	2.16	62	86027	18.100	ug/l	98
5) Bromomethane	2.53	94	54292	17.675	ug/l	95
6) Chloroethane	2.67	64	58083	17.890	ug/l	99
7) Trichlorofluoromethane	2.98	101	104615	17.864	ug/l	99
8) Diethyl Ether	3.38	74	40158	19.638	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56809	18.524	ug/l	98
10) Methyl Iodide	3.91	142	64007	18.532	ug/l	99
11) Tert butyl alcohol	4.74	59	55345	102.876	ug/l	98
12) 1,1-Dichloroethene	3.69	96	56722	18.501	ug/l	95
13) Acrolein	3.57	56	35544	67.483	ug/l	99
14) Allyl chloride	4.27	41	76052	18.220	ug/l	99
15) Acrylonitrile	4.93	53	136947	93.415	ug/l	100
16) Acetone	3.78	43	111299	92.074	ug/l	99
17) Carbon Disulfide	4.01	76	155659	17.759	ug/l	100
18) Methyl Acetate	4.28	43	55191	18.529	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	188665	19.258	ug/l	99
20) Methylene Chloride	4.50	84	65906	19.026	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	61130	17.503	ug/l	96
22) Diisopropyl ether	5.90	45	175397	18.455	ug/l	98
23) Vinyl Acetate	5.84	43	729641	94.032	ug/l	100
24) 1,1-Dichloroethane	5.80	63	109739	17.931	ug/l	99
25) 2-Butanone	6.79	43	169838	92.734	ug/l	100
26) 2,2-Dichloropropane	6.78	77	84806	16.629	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69554	17.698	ug/l	98
28) Bromochloromethane	7.15	49	45010	16.951	ug/l	97
29) Tetrahydrofuran	7.17	42	114547	95.480	ug/l	99
30) Chloroform	7.33	83	111756	17.948	ug/l	96
31) Cyclohexane	7.61	56	92966	17.958	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	94111	17.922	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80501	16.984	ug/l	99
37) Ethyl Acetate	6.88	43	66737	17.004	ug/l	96
38) Carbon Tetrachloride	7.73	117	79562	17.805	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	91167	17.555	ug/l	99
40) Benzene	8.00	78	256862	17.780	ug/l	99
41) Methacrylonitrile	7.13	41	32711	17.977	ug/l	98
42) 1,2-Dichloroethane	8.08	62	86356	17.692	ug/l	98
43) Isopropyl Acetate	8.13	43	122573	19.158	ug/l	99
44) Trichloroethene	8.80	130	65028	17.844	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64171	18.005	ug/l	99
46) Dibromomethane	9.17	93	42445	17.565	ug/l	99
47) Bromodichloromethane	9.37	83	85946	17.615	ug/l	99
48) Methyl methacrylate	9.17	41	52049	18.144	ug/l	96
49) 1,4-Dioxane	9.17	88	24045	377.963	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	356858	95.465	ug/l	99
52) Toluene	10.12	92	161864	18.363	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	93351	17.390	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103069	18.035	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62709	18.098	ug/l	97
56) Ethyl methacrylate	10.40	69	87825	18.993	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107270	17.986	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	163972	94.025	ug/l	99
59) 2-Hexanone	10.72	43	255963	94.826	ug/l	100
60) Dibromochloromethane	10.87	129	65955	17.979	ug/l	95
61) 1,2-Dibromoethane	10.98	107	64371	18.080	ug/l	99
64) Tetrachloroethene	10.60	164	54697	18.524	ug/l	98
65) Chlorobenzene	11.41	112	169325	17.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60380	18.395	ug/l	99
67) Ethyl Benzene	11.48	91	302838	18.890	ug/l	98
68) m/p-Xylenes	11.59	106	231032	37.258	ug/l	99
69) o-Xylene	11.92	106	112982	19.311	ug/l	100
70) Styrene	11.94	104	177731	18.215	ug/l	97
71) Bromoform	12.10	173	43044	18.443	ug/l #	98
73) Isopropylbenzene	12.22	105	291310	19.331	ug/l	99
74) N-amyl acetate	12.05	43	98116	19.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92278	18.401	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	83488m	18.217	ug/l	
77) Bromobenzene	12.50	156	74165	19.823	ug/l	91
78) n-propylbenzene	12.57	91	330202	19.156	ug/l	99
79) 2-Chlorotoluene	12.65	91	196160	18.824	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	238420	19.516	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27171	17.314	ug/l	98
82) 4-Chlorotoluene	12.75	91	197816	18.357	ug/l	99
83) tert-Butylbenzene	12.97	119	203113	19.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	240226	19.689	ug/l	100
85) sec-Butylbenzene	13.15	105	261797	18.951	ug/l	98
86) p-Isopropyltoluene	13.26	119	234539	19.378	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	123127	18.741	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	121624	17.959	ug/l	98
89) n-Butylbenzene	13.59	91	188028	18.686	ug/l	99
90) Hexachloroethane	13.85	117	40987	17.260	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	121040	18.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15282	19.023	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54839	19.704	ug/l	99
94) Hexachlorobutadiene	14.98	225	22738	18.811	ug/l	97
95) Naphthalene	15.10	128	175063	21.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	56383	19.813	ug/l	99

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

