

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062854.D
 Acq On : 12 Aug 2020 13:36
 Operator : JC/MD
 Sample : VN0812WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:57:01 AM

Quant Time: Aug 13 05:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	145486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	233972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	218763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	104020	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	112594	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
35) Dibromofluoromethane	7.55	113	78434	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.06	98	289082	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.38	95	105790	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	36784	17.657	ug/l	99
3) Chloromethane	2.04	50	31417	15.981	ug/l	99
4) Vinyl Chloride	2.16	62	32618	17.690	ug/l	97
5) Bromomethane	2.51	94	26272m	21.523	ug/l	
6) Chloroethane	2.66	64	26046	21.471	ug/l	96
7) Trichlorofluoromethane	2.97	101	65800	20.012	ug/l	100
8) Diethyl Ether	3.37	74	16262	17.277	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	24565	17.961	ug/l	98
10) Methyl Iodide	3.91	142	28423	17.835	ug/l	97
11) Tert butyl alcohol	4.74	59	33591	85.187	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	22434	17.343	ug/l	95
13) Acrolein	3.57	56	14652	61.370	ug/l	97
14) Allyl chloride	4.27	41	38197	14.996	ug/l	97
15) Acrylonitrile	4.93	53	78506	85.838	ug/l	99
16) Acetone	3.78	43	71106	81.793	ug/l	100
17) Carbon Disulfide	4.01	76	58857	16.102	ug/l	99
18) Methyl Acetate	4.28	43	38676	18.089	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100199	17.776	ug/l	97
20) Methylene Chloride	4.50	84	30083	18.429	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	24801	17.035	ug/l	92
22) Diisopropyl ether	5.90	45	93989	17.334	ug/l	94
23) Vinyl Acetate	5.85	43	321818	78.029	ug/l	99
24) 1,1-Dichloroethane	5.80	63	54164	17.045	ug/l	100
25) 2-Butanone	6.79	43	104293	84.705	ug/l	100
26) 2,2-Dichloropropane	6.78	77	48784	16.655	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	30235	17.312	ug/l	94
28) Bromochloromethane	7.15	49	26153	17.053	ug/l	94
29) Tetrahydrofuran	7.17	42	65912	82.400	ug/l	94
30) Chloroform	7.33	83	59408	17.592	ug/l	94
31) Cyclohexane	7.61	56	47433	16.261	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	53015	17.559	ug/l	97
36) 1,1-Dichloropropene	7.75	75	37566	16.489	ug/l	98
37) Ethyl Acetate	6.89	43	39080	16.421	ug/l	100
38) Carbon Tetrachloride	7.73	117	47912	17.782	ug/l	91

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39) Methylcyclohexane	9.05	83	43994	16.046	ug/l	96
40) Benzene	8.00	78	115788	17.032	ug/l	98
41) Methacrylonitrile	7.13	41	15927	14.831	ug/l #	73
42) 1,2-Dichloroethane	8.09	62	51343	17.744	ug/l	99
43) Isopropyl Acetate	8.13	43	62966	15.863	ug/l	99
44) Trichloroethene	8.80	130	28542	17.233	ug/l	99
45) 1,2-Dichloropropane	9.08	63	31322	17.023	ug/l	96
46) Dibromomethane	9.17	93	22046	18.287	ug/l	98
47) Bromodichloromethane	9.37	83	48142	17.780	ug/l	96
48) Methyl methacrylate	9.17	41	31675	16.223	ug/l	97
49) 1,4-Dioxane	9.17	88	12390	342.478	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	218734	85.167	ug/l	100
52) Toluene	10.13	92	74138	17.663	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	49545	16.635	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	51577	17.248	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	33515	18.695	ug/l	96
56) Ethyl methacrylate	10.40	69	45320	16.796	ug/l	97
57) 1,3-Dichloropropane	10.68	76	53509	17.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	54884	71.958	ug/l	98
59) 2-Hexanone	10.72	43	160538	83.797	ug/l	100
60) Dibromochloromethane	10.88	129	37185	18.177	ug/l	98
61) 1,2-Dibromoethane	10.98	107	31804	17.979	ug/l	99
64) Tetrachloroethene	10.61	164	24710	17.506	ug/l	97
65) Chlorobenzene	11.41	112	80013	17.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	34863	18.984	ug/l	94
67) Ethyl Benzene	11.49	91	139415	17.037	ug/l	95
68) m/p-Xylenes	11.60	106	105376	35.474	ug/l	98
69) o-Xylene	11.92	106	50314	18.074	ug/l	99
70) Styrene	11.94	104	87362	17.854	ug/l	99
71) Bromoform	12.10	173	26342	17.532	ug/l #	97
73) Isopropylbenzene	12.23	105	140635	17.955	ug/l	99
74) N-amyl acetate	12.05	43	54937	17.308	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	50664	18.374	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	47924m	17.083	ug/l	
77) Bromobenzene	12.50	156	35693	18.340	ug/l	93
78) n-propylbenzene	12.57	91	162643	17.689	ug/l	99
79) 2-Chlorotoluene	12.65	91	102180	17.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	125098	18.410	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15478	16.843	ug/l	94
82) 4-Chlorotoluene	12.75	91	106663	17.952	ug/l	100
83) tert-Butylbenzene	12.97	119	103402	17.983	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	118045	18.158	ug/l	99
85) sec-Butylbenzene	13.15	105	134400	17.800	ug/l	98
86) p-Isopropyltoluene	13.26	119	119150	17.777	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	60587	17.426	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	60917	17.469	ug/l	97
89) n-Butylbenzene	13.59	91	90675	15.996	ug/l	98
90) Hexachloroethane	13.85	117	25409	17.588	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	58555	17.964	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10650	17.991	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24132	16.191	ug/l	94
94) Hexachlorobutadiene	14.98	225	19944	18.464	ug/l	96
95) Naphthalene	15.11	128	57194	14.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	24213	16.005	ug/l	98

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

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