

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063107.D
 Acq On : 25 Aug 2020 12:04
 Operator : JC/MD
 Sample : VN0825WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 11:26:39 AM

Quant Time: Aug 26 06:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125889	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	113687	55.95	ug/l	0.00
Spiked Amount			Recovery	=	111.90%	
35) Dibromofluoromethane	7.55	113	93010	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
50) Toluene-d8	10.06	98	357700	54.83	ug/l	0.00
Spiked Amount			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.38	95	127577	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39943	18.010	ug/l	98
3) Chloromethane	2.04	50	45319	19.278	ug/l	98
4) Vinyl Chloride	2.16	62	46407	20.413	ug/l	98
5) Bromomethane	2.49	94	19888	14.739	ug/l	97
6) Chloroethane	2.60	64	28713	21.392	ug/l	98
7) Trichlorofluoromethane	2.94	101	55957	19.737	ug/l	97
8) Diethyl Ether	3.37	74	19365	19.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.70	101	27559	18.040	ug/l	99
10) Methyl Iodide	3.89	142	33584	17.344	ug/l #	94
11) Tert butyl alcohol	4.76	59	19426	67.494	ug/l #	93
12) 1,1-Dichloroethene	3.67	96	24387	16.757	ug/l	96
13) Acrolein	3.57	56	1885m	20.906	ug/l	
14) Allyl chloride	4.26	41	44008	17.151	ug/l	98
15) Acrylonitrile	4.93	53	83842	99.109	ug/l	97
16) Acetone	3.78	43	65657	101.285	ug/l	97
17) Carbon Disulfide	3.99	76	60297	15.821	ug/l	96
18) Methyl Acetate	4.28	43	39564	19.593	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	100550	19.812	ug/l	98
20) Methylene Chloride	4.50	84	35521	18.999	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	28281	18.569	ug/l	96
22) Diisopropyl ether	5.91	45	113128	19.428	ug/l	95
23) Vinyl Acetate	5.84	43	353774	90.034	ug/l	98
24) 1,1-Dichloroethane	5.79	63	61828	19.001	ug/l	99
25) 2-Butanone	6.79	43	98620	91.418	ug/l	99
26) 2,2-Dichloropropane	6.77	77	49575	19.373	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	35218	18.449	ug/l	99
28) Bromochloromethane	7.15	49	33305	19.562	ug/l	96
29) Tetrahydrofuran	7.17	42	65513	94.095	ug/l	98
30) Chloroform	7.33	83	66994	20.443	ug/l	98
31) Cyclohexane	7.61	56	53530	17.874	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	52435	19.599	ug/l	99
36) 1,1-Dichloropropene	7.75	75	40870	17.792	ug/l	99
37) Ethyl Acetate	6.89	43	38760	18.008	ug/l	99
38) Carbon Tetrachloride	7.73	117	43211	18.633	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46010	15.935	ug/l	97
40) Benzene	8.00	78	141618	19.438	ug/l	99
41) Methacrylonitrile	7.13	41	19876	19.382	ug/l	96
42) 1,2-Dichloroethane	8.09	62	50348	20.581	ug/l	100
43) Isopropyl Acetate	8.13	43	71864	20.153	ug/l #	90
44) Trichloroethene	8.80	130	33789	18.645	ug/l	95
45) 1,2-Dichloropropane	9.09	63	41532	19.721	ug/l	99
46) Dibromomethane	9.18	93	24997	20.547	ug/l	99
47) Bromodichloromethane	9.37	83	53314	20.008	ug/l	97
48) Methyl methacrylate	9.17	41	33421	19.809	ug/l	96
49) 1,4-Dioxane	9.17	88	5804	169.230	ug/l #	86
51) 4-Methyl-2-Pentanone	9.96	43	241363	107.085	ug/l	98
52) Toluene	10.12	92	88019	20.027	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	56252	20.414	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	60580	20.041	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	39336	20.932	ug/l	99
56) Ethyl methacrylate	10.40	69	50939	18.680	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64300	20.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	60334	93.532	ug/l	99
59) 2-Hexanone	10.73	43	169524	107.827	ug/l	96
60) Dibromochloromethane	10.88	129	42115	20.251	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36715	20.333	ug/l	98
64) Tetrachloroethene	10.60	164	29677	17.845	ug/l	99
65) Chlorobenzene	11.41	112	96966	19.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38482	19.472	ug/l	99
67) Ethyl Benzene	11.49	91	162048	18.875	ug/l	100
68) m/p-Xylenes	11.60	106	123439	38.685	ug/l	99
69) o-Xylene	11.92	106	58965	19.244	ug/l	99
70) Styrene	11.94	104	104837	18.501	ug/l	98
71) Bromoform	12.10	173	31427	19.978	ug/l #	98
73) Isopropylbenzene	12.23	105	157676	18.290	ug/l	100
74) N-amyl acetate	12.05	43	61984	20.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	59027	20.215	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	47550m	19.432	ug/l	
77) Bromobenzene	12.50	156	45426	19.159	ug/l	98
78) n-propylbenzene	12.57	91	185249	18.852	ug/l	99
79) 2-Chlorotoluene	12.65	91	115691	18.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	132739	18.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	18553	20.823	ug/l	99
82) 4-Chlorotoluene	12.75	91	119800	19.036	ug/l	100
83) tert-Butylbenzene	12.97	119	112506	18.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	123400	17.774	ug/l	99
85) sec-Butylbenzene	13.15	105	147596	17.755	ug/l	99
86) p-Isopropyltoluene	13.26	119	121968	16.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79693	19.558	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	79523	19.228	ug/l	98
89) n-Butylbenzene	13.59	91	94906	15.829	ug/l	99
90) Hexachloroethane	13.85	117	26652	17.312	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	78115	19.846	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9773	22.510	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31539	17.687	ug/l	98
94) Hexachlorobutadiene	14.99	225	22325	15.349	ug/l	98
95) Naphthalene	15.11	128	64475	17.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	29090	16.488	ug/l	99

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

