

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064870.D
 Acq On : 30 Nov 2020 14:12
 Operator : JC/MD
 Sample : VN1130WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:12 AM

Quant Time: Dec 01 02:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	195869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113185	49.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.42%
35) Dibromofluoromethane	7.55	113	94705	51.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.44%
50) Toluene-d8	10.06	98	362331	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%
62) 4-Bromofluorobenzene	12.38	95	129005	47.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.44%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	28025	16.509	ug/l	98
3) Chloromethane	2.04	50	35738	16.201	ug/l	97
4) Vinyl Chloride	2.16	62	37780	16.427	ug/l	96
5) Bromomethane	2.53	94	25215	16.711	ug/l	94
6) Chloroethane	2.67	64	23450	16.485	ug/l	92
7) Trichlorofluoromethane	2.99	101	54266	17.069	ug/l	94
8) Diethyl Ether	3.37	74	22274	17.750	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34530	18.106	ug/l	99
10) Methyl Iodide	3.90	142	38922	15.734	ug/l	97
11) Tert butyl alcohol	4.75	59	31694	89.249	ug/l #	93
12) 1,1-Dichloroethene	3.69	96	32928	17.336	ug/l	97
13) Acrolein	3.57	56	18549	85.513	ug/l	99
14) Allyl chloride	4.27	41	55079	17.582	ug/l	97
15) Acrylonitrile	4.94	53	92856	94.652	ug/l	99
16) Acetone	3.78	43	71140	95.037	ug/l	92
17) Carbon Disulfide	4.01	76	82898	16.907	ug/l	100
18) Methyl Acetate	4.28	43	42674	18.961	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	113414	18.618	ug/l	99
20) Methylene Chloride	4.50	84	39869	16.997	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	36375	17.246	ug/l	97
22) Diisopropyl ether	5.91	45	118755	18.939	ug/l	97
23) Vinyl Acetate	5.85	43	465125	92.762	ug/l	100
24) 1,1-Dichloroethane	5.79	63	68634	18.315	ug/l	98
25) 2-Butanone	6.79	43	116212	95.771	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55181	16.978	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	42567	17.935	ug/l	99
28) Bromochloromethane	7.15	49	32419	18.911	ug/l	99
29) Tetrahydrofuran	7.17	42	77344	92.337	ug/l	99
30) Chloroform	7.33	83	70526	18.250	ug/l	100
31) Cyclohexane	7.61	56	54346	17.124	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	57712	17.388	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48906	17.077	ug/l	99
37) Ethyl Acetate	6.88	43	49522	17.951	ug/l	97
38) Carbon Tetrachloride	7.73	117	51809	17.386	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	54963	17.828	ug/l	98
40) Benzene	8.00	78	155926	17.767	ug/l	99
41) Methacrylonitrile	7.13	41	23550	18.501	ug/l	89
42) 1,2-Dichloroethane	8.09	62	52884	17.863	ug/l	99
43) Isopropyl Acetate	8.13	43	79086	17.816	ug/l	99
44) Trichloroethene	8.80	130	46295	17.879	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42583	18.737	ug/l	99
46) Dibromomethane	9.17	93	27871	18.356	ug/l	98
47) Bromodichloromethane	9.37	83	55133	18.046	ug/l	98
48) Methyl methacrylate	9.17	41	38518	18.159	ug/l	100
49) 1,4-Dioxane	9.17	88	14250	355.444	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	247071	92.709	ug/l	100
52) Toluene	10.12	92	96629	17.879	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59992	17.631	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	64536	17.694	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40234	18.103	ug/l	98
56) Ethyl methacrylate	10.40	69	55719	18.168	ug/l	100
57) 1,3-Dichloropropane	10.68	76	66570	18.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	157997	93.655	ug/l	99
59) 2-Hexanone	10.72	43	177695	92.647	ug/l	100
60) Dibromochloromethane	10.87	129	43663	17.674	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42436	18.794	ug/l	99
64) Tetrachloroethene	10.60	164	52387	19.114	ug/l	97
65) Chlorobenzene	11.41	112	106240	17.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	39425	17.733	ug/l	98
67) Ethyl Benzene	11.48	91	179377	17.749	ug/l	98
68) m/p-Xylenes	11.59	106	139385	36.429	ug/l	98
69) o-Xylene	11.92	106	64961	17.891	ug/l	96
70) Styrene	11.94	104	112310	18.323	ug/l	98
71) Bromoform	12.10	173	30806	17.349	ug/l #	98
73) Isopropylbenzene	12.22	105	175607	18.479	ug/l	99
74) N-amyl acetate	12.04	43	65933	17.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	47887	17.193	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	54300m	18.455	ug/l	
77) Bromobenzene	12.50	156	46041	17.971	ug/l	100
78) n-propylbenzene	12.57	91	198753	18.359	ug/l	100
79) 2-Chlorotoluene	12.65	91	122468	18.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	151145	19.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17704	16.492	ug/l	91
82) 4-Chlorotoluene	12.75	91	129651	18.484	ug/l	99
83) tert-Butylbenzene	12.97	119	123049	18.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	150569	18.854	ug/l	100
85) sec-Butylbenzene	13.15	105	165154	18.788	ug/l	98
86) p-Isopropyltoluene	13.26	119	153809	19.219	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	83392	18.321	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	81540	16.939	ug/l	97
89) n-Butylbenzene	13.59	91	129110	18.370	ug/l	99
90) Hexachloroethane	13.85	117	25987	18.692	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	80621	18.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10548	16.830	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47873	17.315	ug/l	100
94) Hexachlorobutadiene	14.98	225	23640	19.219	ug/l	97
95) Naphthalene	15.10	128	136257	16.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45799	18.338	ug/l	99

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

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