

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061202.D
 Acq On : 30 Apr 2020 15:32
 Operator : JC/MD
 Sample : VN0430WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:25 AM

Quant Time: May 01 03:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	109199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	169569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	79789	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85224	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.54	113	55568	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.06	98	229763	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.38	95	83418	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	21513	18.578	ug/l	99
3) Chloromethane	2.03	50	30782	21.949	ug/l	97
4) Vinyl Chloride	2.16	62	28046	17.607	ug/l	97
5) Bromomethane	2.54	94	12134	15.410	ug/l	96
6) Chloroethane	2.67	64	15970	15.818	ug/l	100
7) Trichlorofluoromethane	2.98	101	35308	19.647	ug/l	99
8) Diethyl Ether	3.37	74	16862	22.495	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	22552	19.479	ug/l	99
10) Methyl Iodide	3.91	142	27734	18.640	ug/l	98
11) Tert butyl alcohol	4.72	59	22536	97.364	ug/l	97
12) 1,1-Dichloroethene	3.69	96	21949	19.051	ug/l	99
13) Acrolein	3.56	56	11092	71.911	ug/l	100
14) Allyl chloride	4.27	41	45385	21.245	ug/l	97
15) Acrylonitrile	4.93	53	74394	104.703	ug/l	99
16) Acetone	3.77	43	65620	94.767	ug/l	98
17) Carbon Disulfide	4.01	76	58870	18.497	ug/l	98
18) Methyl Acetate	4.27	43	41568	19.478	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	83480	18.962	ug/l	97
20) Methylene Chloride	4.50	84	27412	20.346	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	24003	19.132	ug/l	98
22) Diisopropyl ether	5.90	45	103329	20.858	ug/l	98
23) Vinyl Acetate	5.84	43	399387	100.129	ug/l	99
24) 1,1-Dichloroethane	5.79	63	51319	19.827	ug/l	98
25) 2-Butanone	6.78	43	98809	96.641	ug/l	99
26) 2,2-Dichloropropane	6.77	77	40684	18.662	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	27781	18.870	ug/l	98
28) Bromochloromethane	7.15	49	27457	22.381	ug/l #	95
29) Tetrahydrofuran	7.16	42	67655	98.231	ug/l	97
30) Chloroform	7.33	83	47939	18.277	ug/l	99
31) Cyclohexane	7.61	56	45988	18.295	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	40117	17.564	ug/l	100
36) 1,1-Dichloropropene	7.75	75	36325	19.856	ug/l	96
37) Ethyl Acetate	6.88	43	43017	20.057	ug/l	100
38) Carbon Tetrachloride	7.73	117	27851	18.209	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	38257	18.647	ug/l	96
40) Benzene	8.00	78	106930	19.619	ug/l	100
41) Methacrylonitrile	7.12	41	19862	22.305	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	40480	19.605	ug/l	99
43) Isopropyl Acetate	8.12	43	69121	19.419	ug/l #	92
44) Trichloroethene	8.80	130	26580	18.040	ug/l	99
45) 1,2-Dichloropropane	9.08	63	30094	20.667	ug/l	100
46) Dibromomethane	9.17	93	17209	19.087	ug/l	96
47) Bromodichloromethane	9.37	83	37199	19.223	ug/l	99
48) Methyl methacrylate	9.16	41	30603	19.053	ug/l	99
49) 1,4-Dioxane	9.16	88	7401	405.928	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	209555	100.020	ug/l	100
52) Toluene	10.12	92	63789	19.430	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	42452	19.469	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	45650	19.803	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	25083	19.155	ug/l	98
56) Ethyl methacrylate	10.40	69	38978	18.877	ug/l	96
57) 1,3-Dichloropropane	10.68	76	46347	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	113072	106.677	ug/l	98
59) 2-Hexanone	10.72	43	147845	96.995	ug/l	100
60) Dibromochloromethane	10.87	129	25702	18.741	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25358	19.321	ug/l	99
64) Tetrachloroethene	10.60	164	27115	18.463	ug/l	97
65) Chlorobenzene	11.41	112	63690	18.935	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	23029	19.129	ug/l	100
67) Ethyl Benzene	11.48	91	119603	18.994	ug/l	99
68) m/p-Xylenes	11.60	106	86879	37.695	ug/l	97
69) o-Xylene	11.92	106	41288	18.649	ug/l	97
70) Styrene	11.94	104	69509	18.759	ug/l	98
71) Bromoform	12.10	173	16848	19.042	ug/l #	98
73) Isopropylbenzene	12.22	105	112384	19.160	ug/l	100
74) N-amyl acetate	12.05	43	56608	19.058	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	37361	20.427	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	34121m	20.284	ug/l	
77) Bromobenzene	12.50	156	26070	19.253	ug/l	95
78) n-propylbenzene	12.57	91	134415	19.320	ug/l	100
79) 2-Chlorotoluene	12.65	91	80760	19.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	94194	19.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	12553	18.951	ug/l	97
82) 4-Chlorotoluene	12.75	91	84981	19.717	ug/l	98
83) tert-Butylbenzene	12.97	119	78025	19.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	96411	19.275	ug/l	100
85) sec-Butylbenzene	13.15	105	106014	18.995	ug/l	100
86) p-Isopropyltoluene	13.26	119	95218	18.936	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	47973	19.245	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	48270	18.952	ug/l	98
89) n-Butylbenzene	13.59	91	87212	18.919	ug/l	99
90) Hexachloroethane	13.85	117	9008	22.181	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	46102	19.289	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7277	18.838	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	28190	19.369	ug/l	100
94) Hexachlorobutadiene	14.98	225	13089	21.527	ug/l	98
95) Naphthalene	15.11	128	85525	18.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28065	19.531	ug/l	99

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

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