

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061176.D
 Acq On : 28 Apr 2020 20:18
 Operator : JC/MD
 Sample : L2414-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422MS

Quant Time: Apr 29 09:26:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84067	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	80419	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	52923	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	217815	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.38	95	83311	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	55564	52.774	ug/l	100
3) Chloromethane	2.03	50	64775	50.798	ug/l	100
4) Vinyl Chloride	2.16	62	184933	127.688	ug/l	100
5) Bromomethane	2.54	94	35214	49.187	ug/l	100
6) Chloroethane	2.67	64	45918	50.020	ug/l	96
7) Trichlorofluoromethane	2.99	101	89764	54.935	ug/l	99
8) Diethyl Ether	3.37	74	36177	53.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54848	52.103	ug/l	100
10) Methyl Iodide	3.91	142	70025	51.761	ug/l	100
11) Tert butyl alcohol	4.72	59	42120	200.142	ug/l #	83
12) 1,1-Dichloroethene	3.70	96	55360	52.847	ug/l	99
13) Acrolein	3.57	56	31504	224.635	ug/l	99
14) Allyl chloride	4.28	41	106793	54.981	ug/l	96
15) Acrylonitrile	4.93	53	159119	246.303	ug/l	98
16) Acetone	3.77	43	146596	241.077	ug/l	100
17) Carbon Disulfide	4.01	76	150762	52.100	ug/l	99
18) Methyl Acetate	4.27	43	87128	44.017	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	201931	50.447	ug/l #	86
20) Methylene Chloride	4.50	84	62480	51.003	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	63644	55.794	ug/l	97
22) Diisopropyl ether	5.90	45	230847	51.252	ug/l	100
23) Vinyl Acetate	5.84	43	909402	250.754	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124369	52.848	ug/l	99
25) 2-Butanone	6.78	43	236549	254.456	ug/l #	89
26) 2,2-Dichloropropane	6.78	77	97715	49.296	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	1399851	1045.739	ug/l	89
28) Bromochloromethane	7.15	49	58492	52.439	ug/l	99
29) Tetrahydrofuran	7.17	42	153364	244.906	ug/l	100
30) Chloroform	7.33	83	122286	51.276	ug/l	97
31) Cyclohexane	7.62	56	117004	51.195	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	118157	56.896	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92430	52.650	ug/l	100
37) Ethyl Acetate	6.88	43	96198	46.741	ug/l #	81
38) Carbon Tetrachloride	7.73	117	81365	57.956	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	128161	61.059	ug/l	98
40) Benzene	8.00	78	268182	51.276	ug/l	100
41) Methacrylonitrile	7.12	41	39137	45.800	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	103696	52.335	ug/l	96
43) Isopropyl Acetate	8.12	43	218354	63.928	ug/l #	84
44) Trichloroethene	8.80	130	82226	58.156	ug/l	99
45) 1,2-Dichloropropane	9.08	63	71421	51.114	ug/l	99
46) Dibromomethane	9.17	93	46652	53.923	ug/l	99
47) Bromodichloromethane	9.37	83	100206	53.962	ug/l	100
48) Methyl methacrylate	9.17	41	79987	51.896	ug/l	98
49) 1,4-Dioxane	9.17	88	13007	743.439	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	510989	254.161	ug/l	100
52) Toluene	10.13	92	168177	53.384	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109461	52.313	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	113459	51.290	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	68644m	54.628	ug/l	
56) Ethyl methacrylate	10.40	69	111284	50.777	ug/l	92
57) 1,3-Dichloropropane	10.68	76	115397	52.246	ug/l	100
59) 2-Hexanone	10.72	43	371750	254.158	ug/l	99
60) Dibromochloromethane	10.88	129	69851	53.076	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67552	53.636	ug/l	100
64) Tetrachloroethene	10.60	164	78966	54.798	ug/l	99
65) Chlorobenzene	11.41	112	172727	52.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63848	54.051	ug/l	98
67) Ethyl Benzene	11.48	91	329503	53.332	ug/l	99
68) m/p-Xylenes	11.60	106	242464	107.216	ug/l	99
69) o-Xylene	11.92	106	114600	52.756	ug/l	98
70) Stvrene	11.94	104	196432	54.028	ug/l	100
71) Bromoform	12.10	173	47257	54.434	ug/l #	99
73) Isopropylbenzene	12.22	105	315749	51.091	ug/l	99
74) N-amyl acetate	12.04	43	151951	48.554	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	97326	50.505	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85415m	48.193	ug/l	
77) Bromobenzene	12.50	156	71708	50.263	ug/l	99
78) n-propylbenzene	12.57	91	380069	51.849	ug/l	100
79) 2-Chlorotoluene	12.65	91	218243	50.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266693	52.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33273	47.674	ug/l	95
82) 4-Chlorotoluene	12.75	91	233071	51.325	ug/l	99
83) tert-Butylbenzene	12.97	119	230158	53.363	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	268189	50.891	ug/l	99
85) sec-Butylbenzene	13.15	105	317187	53.940	ug/l	99
86) p-Isopropyltoluene	13.26	119	274941	51.894	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	134389	51.169	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	134648	50.177	ug/l	100
89) n-Butylbenzene	13.59	91	260051	53.541	ug/l	99
90) Hexachloroethane	13.85	117	29179	52.374	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	128409	50.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20439	50.219	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	79217	51.658	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	33135	51.722	ug/l	99
95) Naphthalene	15.10	128	252928	50.645	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	77536	51.212	ug/l	97

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

