

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064841.D
 Acq On : 25 Nov 2020 4:18
 Operator : JC/MD
 Sample : L4798-09MS 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:51:40 AM

Quant Time: Nov 25 06:44:59 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	188060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	298160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107563	49.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.40%
35) Dibromofluoromethane	7.55	113	92903	52.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.14%
50) Toluene-d8	10.06	98	361426	49.58	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.16%
62) 4-Bromofluorobenzene	12.37	95	127912	49.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.06%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	75871	46.550	ug/l 98
3) Chloromethane	2.04	50	94344	44.544	ug/l 100
4) Vinyl Chloride	2.17	62	106628	48.287	ug/l 99
5) Bromomethane	2.53	94	60457	41.730	ug/l 99
6) Chloroethane	2.67	64	66517	48.703	ug/l 98
7) Trichlorofluoromethane	2.99	101	145516	47.672	ug/l 97
8) Diethyl Ether	3.37	74	57710	47.898	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	85016	46.429	ug/l 98
10) Methyl Iodide	3.91	142	94061	39.603	ug/l 98
11) Tert butyl alcohol	4.74	59	71861	210.759	ug/l 99
12) 1,1-Dichloroethene	3.69	96	87995	48.253	ug/l 98
13) Acrolein	3.57	56	39649	190.377	ug/l 96
14) Allyl chloride	4.27	41	137104	45.583	ug/l 100
15) Acrylonitrile	4.93	53	227311	241.328	ug/l 99
16) Acetone	3.78	43	173966	242.055	ug/l 99
17) Carbon Disulfide	4.01	76	224654	47.712	ug/l 99
18) Methyl Acetate	4.28	43	100471	46.496	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	285153	48.754	ug/l 98
20) Methylene Chloride	4.50	84	104326	46.324	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	95511	47.163	ug/l 98
22) Diisopropyl ether	5.90	45	301633	50.103	ug/l 98
23) Vinyl Acetate	5.85	43	1211137	251.572	ug/l 99
24) 1,1-Dichloroethane	5.79	63	177436	49.316	ug/l 98
25) 2-Butanone	6.79	43	276977	237.737	ug/l 97
26) 2,2-Dichloropropane	6.78	77	121802	39.033	ug/l 95
27) cis-1,2-Dichloroethene	6.78	96	148257	65.060	ug/l 95
28) Bromochloromethane	7.15	49	79532	48.320	ug/l 97
29) Tetrahydrofuran	7.17	42	188047	233.822	ug/l 99
30) Chloroform	7.33	83	182837	49.278	ug/l 96
31) Cyclohexane	7.61	56	141817	46.540	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	155478	48.790	ug/l 99
36) 1,1-Dichloropropene	7.75	75	131473	47.572	ug/l 99
37) Ethyl Acetate	6.89	43	120150	45.133	ug/l 100
38) Carbon Tetrachloride	7.73	117	141120	49.076	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	144517	48.576	ug/l	97
40) Benzene	8.00	78	406558	48.007	ug/l	99
41) Methacrylonitrile	7.13	41	59332	48.302	ug/l	89
42) 1,2-Dichloroethane	8.08	62	133634	46.776	ug/l	100
43) Isopropyl Acetate	8.13	43	192445	44.925	ug/l	99
44) Trichloroethene	8.80	130	345430	138.242	ug/l	100
45) 1,2-Dichloropropane	9.08	63	109973	50.144	ug/l	99
46) Dibromomethane	9.17	93	72457	49.453	ug/l	97
47) Bromodichloromethane	9.37	83	143150	48.557	ug/l	100
48) Methyl methacrylate	9.16	41	94989	46.406	ug/l	97
49) 1,4-Dioxane	9.17	88	34649	895.626	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	605476	235.438	ug/l	100
52) Toluene	10.12	92	260152	49.881	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	151307	46.080	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	166944	47.433	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	104025	48.505	ug/l	96
56) Ethyl methacrylate	10.40	69	144674	48.884	ug/l	99
57) 1,3-Dichloropropane	10.68	76	171162	48.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	404019	248.178	ug/l	100
59) 2-Hexanone	10.72	43	441386	238.482	ug/l	98
60) Dibromochloromethane	10.87	129	118685	49.785	ug/l	98
61) 1,2-Dibromoethane	10.98	107	107420	49.300	ug/l	99
64) Tetrachloroethene	10.60	164	115905	42.907	ug/l	99
65) Chlorobenzene	11.40	112	284141	47.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	107506	49.061	ug/l	99
67) Ethyl Benzene	11.48	91	489700	49.162	ug/l	100
68) m/p-Xylenes	11.59	106	379152	100.537	ug/l	99
69) o-Xylene	11.92	106	182808	51.082	ug/l	97
70) Styrene	11.94	104	308950	51.138	ug/l	99
71) Bromoform	12.10	173	81359	46.486	ug/l #	100
73) Isopropylbenzene	12.22	105	479767	50.666	ug/l	99
74) N-amyl acetate	12.04	43	170021	45.625	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134584	48.490	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	140079m	47.779	ug/l	
77) Bromobenzene	12.50	156	122101	47.828	ug/l	98
78) n-propylbenzene	12.56	91	538267	49.898	ug/l	98
79) 2-Chlorotoluene	12.65	91	321308	48.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	409428	52.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	44903	41.977	ug/l	96
82) 4-Chlorotoluene	12.75	91	331246	47.392	ug/l	98
83) tert-Butylbenzene	12.96	119	339555	51.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	414076	52.033	ug/l	99
85) sec-Butylbenzene	13.14	105	445462	50.855	ug/l	100
86) p-Isopropyltoluene	13.26	119	412881	51.773	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	216778	47.794	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	215500	44.927	ug/l	99
89) n-Butylbenzene	13.59	91	333407	47.606	ug/l	99
90) Hexachloroethane	13.85	117	69590	50.231	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	213418	47.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26645	42.666	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	119101	43.231	ug/l	99
94) Hexachlorobutadiene	14.98	225	56434	45.523	ug/l	99
95) Naphthalene	15.10	128	364611	44.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	117583	45.053	ug/l	98

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

