

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063144.D
 Acq On : 26 Aug 2020 19:47
 Operator : JC/MD
 Sample : L3783-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MSD

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:31 PM

Quant Time: Aug 27 02:19:47 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	186132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	284673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128714	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	109424	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.55	113	93400	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.06	98	357263	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	127607	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	100426	41.345	ug/l	99
3) Chloromethane	2.04	50	108687	42.587	ug/l	100
4) Vinyl Chloride	2.17	62	120070	48.648	ug/l	97
5) Bromomethane	2.54	94	73231	49.988	ug/l	97
6) Chloroethane	2.68	64	72239	49.573	ug/l	97
7) Trichlorofluoromethane	2.99	101	150086	48.762	ug/l	99
8) Diethyl Ether	3.38	74	48162	44.231	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	70929	42.766	ug/l	99
10) Methyl Iodide	3.91	142	98664	46.932	ug/l	99
11) Tert butyl alcohol	4.74	59	65916	210.950	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	67221	42.546	ug/l	99
13) Acrolein	3.57	56	1906	19.471	ug/l	92
14) Allyl chloride	4.28	41	117808	42.289	ug/l	97
15) Acrylonitrile	4.93	53	202566	220.561	ug/l	99
16) Acetone	3.78	43	145198	210.448	ug/l	98
17) Carbon Disulfide	4.01	76	153689	37.143	ug/l	99
18) Methyl Acetate	4.28	43	88802	40.507	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	270395	49.074	ug/l	100
20) Methylene Chloride	4.51	84	87574	44.890	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	73106	44.214	ug/l	98
22) Diisopropyl ether	5.91	45	296295	46.870	ug/l	96
23) Vinyl Acetate	5.85	43	892132	209.131	ug/l	98
24) 1,1-Dichloroethane	5.80	63	160196	45.348	ug/l	98
25) 2-Butanone	6.79	43	260400	222.340	ug/l	99
26) 2,2-Dichloropropane	6.78	77	123713	44.531	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	99705	48.110	ug/l	98
28) Bromochloromethane	7.15	49	94623	51.194	ug/l	99
29) Tetrahydrofuran	7.17	42	179576	237.573	ug/l	100
30) Chloroform	7.33	83	170856	48.024	ug/l	98
31) Cyclohexane	7.62	56	141637	43.563	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	139706	48.099	ug/l	98
36) 1,1-Dichloropropene	7.75	75	113217	45.130	ug/l	100
37) Ethyl Acetate	6.88	43	100486	42.748	ug/l	99
38) Carbon Tetrachloride	7.73	117	115325	45.534	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	119308	35.687	ug/l	97
40) Benzene	8.00	78	366232	46.028	ug/l	98
41) Methacrylonitrile	7.13	41	52951	47.279	ug/l	96
42) 1,2-Dichloroethane	8.09	62	122285	45.771	ug/l	99
43) Isopropyl Acetate	8.13	43	176914	45.428	ug/l	98
44) Trichloroethene	8.80	130	92532	46.753	ug/l	98
45) 1,2-Dichloropropane	9.08	63	107524	46.751	ug/l	99
46) Dibromomethane	9.18	93	62443	46.997	ug/l	99
47) Bromodichloromethane	9.37	83	136875	47.035	ug/l	98
48) Methyl methacrylate	9.17	41	86371	46.875	ug/l	99
49) 1,4-Dioxane	9.17	88	33030	817.439	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	562986	228.711	ug/l	99
52) Toluene	10.13	92	226777	47.247	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	147151	48.897	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	159274	48.246	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	97580	47.546	ug/l	99
56) Ethyl methacrylate	10.40	69	140711	44.587	ug/l	99
57) 1,3-Dichloropropane	10.68	76	161164	47.290	ug/l	98
59) 2-Hexanone	10.72	43	400380	233.185	ug/l	99
60) Dibromochloromethane	10.88	129	107387	47.281	ug/l	100
61) 1,2-Dibromoethane	10.98	107	92511	46.912	ug/l	100
64) Tetrachloroethene	10.60	164	87789	50.936	ug/l	99
65) Chlorobenzene	11.41	112	250954	47.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	100132	48.889	ug/l	100
67) Ethyl Benzene	11.49	91	440446	49.501	ug/l	99
68) m/p-Xylenes	11.60	106	329582	99.663	ug/l	99
69) o-Xylene	11.92	106	161446	50.840	ug/l	99
70) Stvrene	11.94	104	275933	44.025	ug/l	99
71) Bromoform	12.10	173	80076	49.118	ug/l #	100
73) Isopropylbenzene	12.23	105	421498	47.820	ug/l	100
74) N-amyl acetate	12.05	43	161381	51.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136434	47.897	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	110798m	44.285	ug/l	
77) Bromobenzene	12.50	156	116788	48.176	ug/l	99
78) n-propylbenzene	12.57	91	481593	47.935	ug/l	100
79) 2-Chlorotoluene	12.65	91	297445	47.069	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	354576	48.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	47107	51.711	ug/l	98
82) 4-Chlorotoluene	12.75	91	315185	48.982	ug/l	99
83) tert-Butylbenzene	12.97	119	289847	46.088	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	359749	50.680	ug/l	100
85) sec-Butylbenzene	13.15	105	368369	43.341	ug/l	99
86) p-Isopropyltoluene	13.26	119	336580	45.448	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	200960	48.236	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	206674	48.876	ug/l	99
89) n-Butylbenzene	13.59	91	271569	39.317	ug/l	99
90) Hexachloroethane	13.85	117	61009	38.759	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	198103	49.226	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24827	55.928	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	115764	51.723	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	41730	28.061	ug/l	99
95) Naphthalene	15.10	128	341032	64.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	113882	51.912	ug/l	99

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

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