

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064080.D
 Acq On : 12 Oct 2020 16:11
 Operator : JC/MD
 Sample : VN1012WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 4:09:45 PM

Quant Time: Oct 13 01:46:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	199052	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.55	113	142423	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.06	98	522010	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	187923	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	40527	15.614	ug/l	99
3) Chloromethane	2.04	50	53725	17.641	ug/l	98
4) Vinyl Chloride	2.16	62	52582	17.201	ug/l	96
5) Bromomethane	2.53	94	34676	18.034	ug/l	99
6) Chloroethane	2.67	64	34672	18.981	ug/l	97
7) Trichlorofluoromethane	2.98	101	84928	17.517	ug/l	97
8) Diethyl Ether	3.38	74	31756	19.367	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45335	17.495	ug/l	98
10) Methyl Iodide	3.91	142	52564	17.470	ug/l	99
11) Tert butyl alcohol	4.73	59	55751	124.264	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	43651	17.623	ug/l	97
13) Acrolein	3.57	56	26106	94.808	ug/l	97
14) Allyl chloride	4.28	41	95362	20.723	ug/l	88
15) Acrylonitrile	4.93	53	146971	114.443	ug/l	98
16) Acetone	3.78	43	152464	121.879	ug/l	95
17) Carbon Disulfide	4.01	76	116054	17.793	ug/l	100
18) Methyl Acetate	4.28	43	80184	24.688	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	173393	19.268	ug/l	94
20) Methylene Chloride	4.51	84	57556	20.146	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	49096	17.696	ug/l	97
22) Diisopropyl ether	5.90	45	202386	21.376	ug/l	94
23) Vinyl Acetate	5.85	43	801104	102.147	ug/l	99
24) 1,1-Dichloroethane	5.80	63	106753	19.720	ug/l	98
25) 2-Butanone	6.79	43	218826	123.384	ug/l	99
26) 2,2-Dichloropropane	6.78	77	88710	17.894	ug/l	95
27) cis-1,2-Dichloroethene	6.79	96	60244	18.880	ug/l	98
28) Bromochloromethane	7.15	49	54411	20.336	ug/l	93
29) Tetrahydrofuran	7.17	42	142339	119.663	ug/l	95
30) Chloroform	7.33	83	109381	19.379	ug/l	94
31) Cyclohexane	7.61	56	83640	17.729	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	97722	19.195	ug/l	97
36) 1,1-Dichloropropene	7.75	75	72823	17.592	ug/l	99
37) Ethyl Acetate	6.88	43	88982	21.637	ug/l	98
38) Carbon Tetrachloride	7.73	117	84692	18.246	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	65425	15.849	ug/l	97
40) Benzene	8.00	78	223380	18.893	ug/l	100
41) Methacrylonitrile	7.13	41	32216m	17.626	ug/l	
42) 1,2-Dichloroethane	8.09	62	95212	18.865	ug/l	99
43) Isopropyl Acetate	8.13	43	142678	21.033	ug/l	99
44) Trichloroethene	8.80	130	54215	17.501	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61591	19.289	ug/l	98
46) Dibromomethane	9.17	93	41730	18.944	ug/l	99
47) Bromodichloromethane	9.37	83	86126	18.972	ug/l	97
48) Methyl methacrylate	9.17	41	71262	21.263	ug/l	92
49) 1,4-Dioxane	9.17	88	21383	448.920	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	459682	115.472	ug/l	100
52) Toluene	10.12	92	139305	19.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	92132	18.933	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	97957	19.248	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	57216	19.509	ug/l	98
56) Ethyl methacrylate	10.40	69	80002	19.245	ug/l	94
57) 1,3-Dichloropropane	10.68	76	98333	19.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	227647	102.373	ug/l	98
59) 2-Hexanone	10.72	43	329058	111.272	ug/l	100
60) Dibromochloromethane	10.87	129	61826	18.102	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58439	19.479	ug/l	100
64) Tetrachloroethene	10.60	164	48868	16.325	ug/l	95
65) Chlorobenzene	11.41	112	141581	17.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	59350	19.505	ug/l	100
67) Ethyl Benzene	11.49	91	253397	17.545	ug/l	100
68) m/p-Xylenes	11.60	106	188312	34.985	ug/l	98
69) o-Xylene	11.92	106	90144	17.918	ug/l	99
70) Styrene	11.94	104	151584	17.750	ug/l	98
71) Bromoform	12.10	173	43115	18.527	ug/l #	96
73) Isopropylbenzene	12.23	105	234633	18.421	ug/l	98
74) N-amyl acetate	12.05	43	111757	20.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84394	21.668	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	80417m	20.890	ug/l	
77) Bromobenzene	12.50	156	60079	19.223	ug/l	95
78) n-propylbenzene	12.57	91	272069	18.354	ug/l	99
79) 2-Chlorotoluene	12.65	91	172648	18.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	196704	18.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27359	20.470	ug/l	97
82) 4-Chlorotoluene	12.75	91	178436	18.854	ug/l	99
83) tert-Butylbenzene	12.97	119	160786	18.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	192385	18.032	ug/l	97
85) sec-Butylbenzene	13.14	105	207438	18.069	ug/l	99
86) p-Isopropyltoluene	13.26	119	179829	17.706	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105693	18.693	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	100735	17.111	ug/l	98
89) n-Butylbenzene	13.59	91	144674	15.434	ug/l	100
90) Hexachloroethane	13.85	117	36813	18.705	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	101286	18.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18663	20.432	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38684	13.998	ug/l	98
94) Hexachlorobutadiene	14.98	225	28610	18.883	ug/l	96
95) Naphthalene	15.10	128	120230	14.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41493	15.176	ug/l	98

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

