

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063936.D
 Acq On : 7 Oct 2020 11:44
 Operator : JC/MD
 Sample : VN1007WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:08:39 AM

Quant Time: Oct 08 05:18:32 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	269772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215663	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	146053	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.06	98	544070	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.38	95	200284	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46220	16.237	ug/l	97
3) Chloromethane	2.04	50	52673	15.770	ug/l	100
4) Vinyl Chloride	2.16	62	55293	16.492	ug/l	96
5) Bromomethane	2.53	94	34398	16.311	ug/l	98
6) Chloroethane	2.68	64	37076	18.507	ug/l	97
7) Trichlorofluoromethane	2.99	101	93834	17.647	ug/l	98
8) Diethyl Ether	3.37	74	29527	16.419	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48167	16.948	ug/l	96
10) Methyl Iodide	3.91	142	54044	16.377	ug/l	99
11) Tert butyl alcohol	4.73	59	46120	93.731	ug/l	97
12) 1,1-Dichloroethene	3.70	96	44514	16.386	ug/l	97
13) Acrolein	3.57	56	32790	108.579	ug/l	97
14) Allyl chloride	4.28	41	88442	17.524	ug/l	95
15) Acrylonitrile	4.93	53	129395	91.870	ug/l	99
16) Acetone	3.78	43	131670	95.973	ug/l	99
17) Carbon Disulfide	4.01	76	121479	17.014	ug/l	98
18) Methyl Acetate	4.28	43	69407	19.485	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	171271	17.354	ug/l	99
20) Methylene Chloride	4.51	84	57582	18.386	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	50833	16.706	ug/l	97
22) Diisopropyl ether	5.90	45	193906	18.674	ug/l	91
23) Vinyl Acetate	5.85	43	767583	89.240	ug/l	100
24) 1,1-Dichloroethane	5.80	63	108458	18.268	ug/l	99
25) 2-Butanone	6.79	43	188150	96.731	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93567	17.209	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	60241	17.214	ug/l	99
28) Bromochloromethane	7.15	49	54830	18.685	ug/l	97
29) Tetrahydrofuran	7.17	42	124410	95.365	ug/l	97
30) Chloroform	7.33	83	109639	17.711	ug/l	96
31) Cyclohexane	7.61	56	85480	16.521	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	97138	17.397	ug/l	99
36) 1,1-Dichloropropene	7.75	75	75831	17.061	ug/l	98
37) Ethyl Acetate	6.89	43	76146	17.244	ug/l	97
38) Carbon Tetrachloride	7.74	117	88932	17.843	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68938	15.553	ug/l	99
40) Benzene	8.00	78	224560	17.689	ug/l	99
41) Methacrylonitrile	7.13	41	35884m	18.284	ug/l	
42) 1,2-Dichloroethane	8.08	62	96684	17.841	ug/l	100
43) Isopropyl Acetate	8.13	43	135145	18.554	ug/l #	92
44) Trichloroethene	8.80	130	56999	17.136	ug/l	100
45) 1,2-Dichloropropane	9.08	63	60698	17.704	ug/l	99
46) Dibromomethane	9.17	93	41778	17.664	ug/l	98
47) Bromodichloromethane	9.37	83	87529	17.956	ug/l	100
48) Methyl methacrylate	9.17	41	66716	18.539	ug/l	90
49) 1,4-Dioxane	9.16	88	17818	348.384	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	413532	96.745	ug/l	99
52) Toluene	10.13	92	138811	17.677	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	87901	16.823	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	95745	17.521	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	58270	18.504	ug/l	97
56) Ethyl methacrylate	10.40	69	76385	17.113	ug/l	95
57) 1,3-Dichloropropane	10.68	76	96798	18.169	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	215406	90.216	ug/l	99
59) 2-Hexanone	10.72	43	291912	91.931	ug/l	96
60) Dibromochloromethane	10.87	129	64128	17.486	ug/l	97
61) 1,2-Dibromoethane	10.98	107	58557	18.178	ug/l	100
64) Tetrachloroethene	10.60	164	55423	17.612	ug/l	98
65) Chlorobenzene	11.41	112	148495	17.797	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	58430	18.267	ug/l	100
67) Ethyl Benzene	11.49	91	260224	17.140	ug/l	100
68) m/p-Xylenes	11.60	106	193037	34.114	ug/l	100
69) o-Xylene	11.92	106	90166	17.048	ug/l	96
70) Styrene	11.94	104	156736	17.458	ug/l	98
71) Bromoform	12.10	173	43540	17.797	ug/l #	99
73) Isopropylbenzene	12.23	105	241790	17.573	ug/l	99
74) N-amyl acetate	12.05	43	107515	18.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	82385	19.581	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	77120m	18.546	ug/l	
77) Bromobenzene	12.50	156	63036	18.671	ug/l	99
78) n-propylbenzene	12.57	91	277731	17.344	ug/l	100
79) 2-Chlorotoluene	12.65	91	176078	17.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	202137	17.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25177	17.438	ug/l	95
82) 4-Chlorotoluene	12.75	91	182724	17.873	ug/l	98
83) tert-Butylbenzene	12.97	119	163614	17.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	206334	17.903	ug/l	98
85) sec-Butylbenzene	13.15	105	209867	16.923	ug/l	99
86) p-Isopropyltoluene	13.26	119	189091	17.235	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108754	17.805	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	109845	17.272	ug/l	99
89) n-Butylbenzene	13.59	91	157200	15.524	ug/l	99
90) Hexachloroethane	13.85	117	36272	17.061	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	109046	18.025	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17627	17.864	ug/l	99

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93) 1,2,4-Trichlorobenzene	14.88	180	47124	15.564	ug/l	98
94) Hexachlorobutadiene	14.98	225	30433	18.595	ug/l	98
95) Naphthalene	15.11	128	138609	15.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46915	15.811	ug/l	96

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

