

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063649.D
 Acq On : 25 Sep 2020 00:38
 Operator : JC/MD
 Sample : VN0924WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:17:28 PM

Quant Time: Sep 25 05:57:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204159	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.55	113	139530	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	10.06	98	520673	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.38	95	192744	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45344	16.220	ug/l	99
3) Chloromethane	2.04	50	57310	15.497	ug/l	99
4) Vinyl Chloride	2.17	62	56028	17.100	ug/l	99
5) Bromomethane	2.54	94	37969	19.517	ug/l	95
6) Chloroethane	2.68	64	37263	18.527	ug/l	98
7) Trichlorofluoromethane	2.99	101	90833	18.581	ug/l	100
8) Diethyl Ether	3.38	74	33458	17.557	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49370	17.958	ug/l	99
10) Methyl Iodide	3.91	142	58264	16.278	ug/l	97
11) Tert butyl alcohol	4.73	59	43453	74.673	ug/l	99
12) 1,1-Dichloroethene	3.69	96	46570	16.724	ug/l	98
13) Acrolein	3.58	56	15121	70.119	ug/l #	53
14) Allyl chloride	4.28	41	86720	15.744	ug/l	95
15) Acrylonitrile	4.93	53	126591	85.523	ug/l	99
16) Acetone	3.78	43	121140	89.736	ug/l	99
17) Carbon Disulfide	4.01	76	118566	14.638	ug/l	97
18) Methyl Acetate	4.28	43	62492	18.235	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	175450	16.905	ug/l	98
20) Methylene Chloride	4.51	84	58150	17.002	ug/l	91
21) trans-1,2-Dichloroethene	4.99	96	52086	16.883	ug/l	98
22) Diisopropyl ether	5.90	45	194210	17.288	ug/l	98
23) Vinyl Acetate	5.85	43	771487	83.623	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106299	17.332	ug/l	99
25) 2-Butanone	6.79	43	176716	85.115	ug/l	100
26) 2,2-Dichloropropane	6.78	77	71899	13.315	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	60379	17.291	ug/l	99
28) Bromochloromethane	7.15	49	48694	17.195	ug/l	98
29) Tetrahydrofuran	7.17	42	120643	85.080	ug/l	96
30) Chloroform	7.33	83	111166	18.066	ug/l	100
31) Cyclohexane	7.62	56	89243	15.383	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	96036	17.548	ug/l	97
36) 1,1-Dichloropropene	7.75	75	75593	16.346	ug/l	99
37) Ethyl Acetate	6.88	43	78152	17.219	ug/l	97
38) Carbon Tetrachloride	7.74	117	83165	17.617	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72695	14.484	ug/l	95
40) Benzene	8.00	78	230321	17.447	ug/l	97
41) Methacrylonitrile	7.14	41	36633m	17.946	ug/l	
42) 1,2-Dichloroethane	8.09	62	98173	18.493	ug/l	98
43) Isopropyl Acetate	8.13	43	129447	15.950	ug/l	100
44) Trichloroethene	8.80	130	55510	17.337	ug/l	99
45) 1,2-Dichloropropane	9.09	63	64555	17.955	ug/l	98
46) Dibromomethane	9.18	93	41788	17.684	ug/l	100
47) Bromodichloromethane	9.37	83	86691	17.659	ug/l	99
48) Methyl methacrylate	9.17	41	63369	15.893	ug/l	96
49) 1,4-Dioxane	9.17	88	17518	306.154	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	399011	87.822	ug/l	99
52) Toluene	10.13	92	142764	17.987	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	87257	15.921	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	94247	16.303	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58416	18.530	ug/l	97
56) Ethyl methacrylate	10.40	69	79055	16.063	ug/l	99
57) 1,3-Dichloropropane	10.68	76	98139	17.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	206526	79.995	ug/l	99
59) 2-Hexanone	10.72	43	278956	84.748	ug/l	100
60) Dibromochloromethane	10.87	129	61396	17.238	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59682	18.222	ug/l	99
64) Tetrachloroethene	10.60	164	52772	19.107	ug/l	96
65) Chlorobenzene	11.41	112	148212	17.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57404	18.188	ug/l	96
67) Ethyl Benzene	11.49	91	270132	16.660	ug/l	100
68) m/p-Xylenes	11.59	106	196551	33.621	ug/l	100
69) o-Xylene	11.92	106	95750	17.193	ug/l	98
70) Styrene	11.94	104	160783	17.216	ug/l	99
71) Bromoform	12.10	173	37937	16.135	ug/l #	100
73) Isopropylbenzene	12.23	105	255302	17.137	ug/l	100
74) N-amyl acetate	12.04	43	110936	15.731	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	80851	17.528	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	78273m	17.010	ug/l	
77) Bromobenzene	12.50	156	60063	17.923	ug/l	97
78) n-propylbenzene	12.57	91	291981	16.827	ug/l	99
79) 2-Chlorotoluene	12.65	91	181516	17.451	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	216718	17.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24069	14.341	ug/l	95
82) 4-Chlorotoluene	12.75	91	191783	17.451	ug/l	99
83) tert-Butylbenzene	12.97	119	172231	16.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	215611	17.183	ug/l	100
85) sec-Butylbenzene	13.15	105	229408	16.715	ug/l	99
86) p-Isopropyltoluene	13.26	119	198330	16.384	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108393	17.451	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	106423	16.853	ug/l	94
89) n-Butylbenzene	13.59	91	171107	15.335	ug/l	97
90) Hexachloroethane	13.85	117	36038	15.635	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109057	17.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17245	15.700	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54389	15.129	ug/l	97
94) Hexachlorobutadiene	14.98	225	26897	18.072	ug/l	96
95) Naphthalene	15.11	128	174789	14.716	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	53314	15.348	ug/l	94

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

