

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064785.D
 Acq On : 23 Nov 2020 15:54
 Operator : JC/MD
 Sample : VN1123WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:30 PM

Quant Time: Nov 24 03:42:39 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	194139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134498	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	107949	47.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.66%
35) Dibromofluoromethane	7.55	113	89239	49.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.70%
50) Toluene-d8	10.06	98	355896	48.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.32%
62) 4-Bromofluorobenzene	12.37	95	126298	48.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.50%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	29697	17.650	ug/l 98
3) Chloromethane	2.04	50	38491	17.604	ug/l 97
4) Vinyl Chloride	2.16	62	39620	17.380	ug/l 95
5) Bromomethane	2.54	94	28071	18.769	ug/l 99
6) Chloroethane	2.68	64	25157	17.843	ug/l 94
7) Trichlorofluoromethane	2.99	101	56157	17.821	ug/l 97
8) Diethyl Ether	3.37	74	22128	17.790	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	35362	18.707	ug/l 99
10) Methyl Iodide	3.91	142	41277	16.835	ug/l 99
11) Tert butyl alcohol	4.75	59	30611	86.967	ug/l 100
12) 1,1-Dichloroethene	3.69	96	32781	17.413	ug/l 97
13) Acrolein	3.56	56	18071	84.052	ug/l 97
14) Allyl chloride	4.27	41	53067	17.091	ug/l 98
15) Acrylonitrile	4.93	53	84647	87.053	ug/l 99
16) Acetone	3.78	43	63453	85.523	ug/l 100
17) Carbon Disulfide	4.00	76	86774	17.855	ug/l 99
18) Methyl Acetate	4.28	43	39224	17.584	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	107735	17.843	ug/l 99
20) Methylene Chloride	4.50	84	39670	17.063	ug/l 98
21) trans-1,2-Dichloroethene	4.98	96	36618	17.516	ug/l 97
22) Diisopropyl ether	5.90	45	115357	18.561	ug/l 95
23) Vinyl Acetate	5.85	43	452567	91.062	ug/l 99
24) 1,1-Dichloroethane	5.79	63	67336	18.129	ug/l 98
25) 2-Butanone	6.79	43	108237	89.994	ug/l 98
26) 2,2-Dichloropropane	6.78	77	55909	17.356	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	41534	17.656	ug/l 99
28) Bromochloromethane	7.15	49	30616	18.018	ug/l 98
29) Tetrahydrofuran	7.17	42	73250	88.229	ug/l 99
30) Chloroform	7.33	83	69312	18.096	ug/l 98
31) Cyclohexane	7.61	56	54000	17.166	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	58940	17.916	ug/l 99
36) 1,1-Dichloropropene	7.75	75	50060	18.054	ug/l 98
37) Ethyl Acetate	6.88	43	48388	18.116	ug/l 98
38) Carbon Tetrachloride	7.73	117	52340	18.142	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	52496	17.587	ug/l	98
40) Benzene	8.00	78	153129	18.022	ug/l	99
41) Methacrylonitrile	7.13	41	22669	18.394	ug/l	90
42) 1,2-Dichloroethane	8.08	62	51947	18.123	ug/l	98
43) Isopropyl Acetate	8.13	43	75870	17.653	ug/l #	91
44) Trichloroethene	8.80	130	44565	17.776	ug/l	93
45) 1,2-Dichloropropane	9.08	63	41075	18.667	ug/l	98
46) Dibromomethane	9.17	93	27366	18.616	ug/l	95
47) Bromodichloromethane	9.37	83	53846	18.204	ug/l	99
48) Methyl methacrylate	9.17	41	37624	18.320	ug/l	99
49) 1,4-Dioxane	9.16	88	14068	362.437	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	235560	91.295	ug/l	98
52) Toluene	10.12	92	95824	18.313	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	58245	17.680	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65489	18.546	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	39906	18.546	ug/l	94
56) Ethyl methacrylate	10.40	69	51111	17.213	ug/l	95
57) 1,3-Dichloropropane	10.68	76	64536	18.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	146529	89.712	ug/l	100
59) 2-Hexanone	10.72	43	167428	90.163	ug/l	99
60) Dibromochloromethane	10.87	129	43500	18.187	ug/l	99
61) 1,2-Dibromoethane	10.97	107	39665	18.144	ug/l	100
64) Tetrachloroethene	10.60	164	47252	17.823	ug/l	99
65) Chlorobenzene	11.41	112	107197	18.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39818	18.515	ug/l	99
67) Ethyl Benzene	11.48	91	174735	17.874	ug/l	100
68) m/p-Xylenes	11.59	106	137300	37.096	ug/l	100
69) o-Xylene	11.92	106	64912	18.482	ug/l	99
70) Styrene	11.94	104	110377	18.616	ug/l	100
71) Bromoform	12.10	173	29765	17.329	ug/l #	98
73) Isopropylbenzene	12.22	105	172702	18.460	ug/l	100
74) N-amyl acetate	12.05	43	66183	17.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	48289	17.610	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	48106m	16.608	ug/l	
77) Bromobenzene	12.50	156	43708	17.330	ug/l	95
78) n-propylbenzene	12.56	91	196035	18.394	ug/l	99
79) 2-Chlorotoluene	12.65	91	118506	17.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	149555	19.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18216	17.236	ug/l	97
82) 4-Chlorotoluene	12.75	91	123694	17.913	ug/l	99
83) tert-Butylbenzene	12.97	119	122513	18.797	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	146891	18.683	ug/l	100
85) sec-Butylbenzene	13.14	105	161235	18.631	ug/l	99
86) p-Isopropyltoluene	13.26	119	147777	18.756	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	79154	17.664	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80642	17.017	ug/l	98
89) n-Butylbenzene	13.59	91	121572	17.570	ug/l	100
90) Hexachloroethane	13.85	117	24558	17.942	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	77635	17.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10765	17.448	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	45939	16.878	ug/l	100
94) Hexachlorobutadiene	14.98	225	22094	18.264	ug/l	96
95) Naphthalene	15.10	128	134864	16.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45252	18.400	ug/l	98

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

