

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064297.D
 Acq On : 23 Oct 2020 20:04
 Operator : JC/MD
 Sample : VN1023WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:39:17 PM

Quant Time: Oct 26 02:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207030	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.55	113	144293	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.06	98	509789	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.38	95	206514	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59001	19.278	ug/l	99
3) Chloromethane	2.04	50	60638	20.410	ug/l	98
4) Vinyl Chloride	2.16	62	59051	20.048	ug/l	98
5) Bromomethane	2.54	94	40455	21.071	ug/l	89
6) Chloroethane	2.68	64	34736	19.372	ug/l	95
7) Trichlorofluoromethane	2.99	101	102516	21.164	ug/l	99
8) Diethyl Ether	3.37	74	32227	20.113	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52023	20.769	ug/l	95
10) Methyl Iodide	3.92	142	65338	18.344	ug/l	96
11) Tert butyl alcohol	4.73	59	50925	99.657	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	47819	19.849	ug/l	98
13) Acrolein	3.57	56	23316	72.687	ug/l	94
14) Allyl chloride	4.28	41	93745	19.442	ug/l	99
15) Acrylonitrile	4.93	53	107220	101.471	ug/l #	90
16) Acetone	3.78	43	115081	105.360	ug/l	95
17) Carbon Disulfide	4.02	76	133818	19.473	ug/l	100
18) Methyl Acetate	4.28	43	59355	21.325	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	166792	20.138	ug/l	96
20) Methylene Chloride	4.51	84	55349	19.004	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53623	20.185	ug/l	97
22) Diisopropyl ether	5.90	45	172949	19.295	ug/l	97
23) Vinyl Acetate	5.84	43	796708	99.666	ug/l	100
24) 1,1-Dichloroethane	5.80	63	105189	20.257	ug/l	99
25) 2-Butanone	6.78	43	178066	102.611	ug/l	96
26) 2,2-Dichloropropane	6.78	77	97298	18.821	ug/l #	77
27) cis-1,2-Dichloroethene	6.78	96	63277	20.453	ug/l	95
28) Bromochloromethane	7.15	49	45790	18.562	ug/l	98
29) Tetrahydrofuran	7.16	42	102567	98.808	ug/l	96
30) Chloroform	7.33	83	112777	20.361	ug/l	95
31) Cyclohexane	7.61	56	85928	18.988	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	107075	20.636	ug/l	99
36) 1,1-Dichloropropene	7.76	75	81370	19.281	ug/l	98
37) Ethyl Acetate	6.88	43	71622	18.692	ug/l	98
38) Carbon Tetrachloride	7.73	117	96645	20.127	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	71858	18.725	ug/l	99
40) Benzene	8.00	78	225746	19.378	ug/l	98
41) Methacrylonitrile	7.12	41	38977	19.392	ug/l	90
42) 1,2-Dichloroethane	8.08	62	98233	19.684	ug/l	100
43) Isopropyl Acetate	8.13	43	139584	19.546	ug/l #	90
44) Trichloroethene	8.80	130	64225	20.231	ug/l	92
45) 1,2-Dichloropropane	9.08	63	60570	19.475	ug/l	92
46) Dibromomethane	9.17	93	42523	20.362	ug/l	96
47) Bromodichloromethane	9.37	83	90452	19.605	ug/l	99
48) Methyl methacrylate	9.17	41	68802	18.444	ug/l	96
49) 1,4-Dioxane	9.17	88	17388	398.373	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	382446	100.206	ug/l	99
52) Toluene	10.13	92	144731	19.416	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	101823	19.867	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	102601	19.013	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57916	20.572	ug/l	98
56) Ethyl methacrylate	10.40	69	85505	19.642	ug/l	98
57) 1,3-Dichloropropane	10.68	76	98922	20.229	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	203915	90.968	ug/l	98
59) 2-Hexanone	10.72	43	275741	98.928	ug/l	100
60) Dibromochloromethane	10.87	129	68091	18.683	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59409	19.997	ug/l	100
64) Tetrachloroethene	10.60	164	62986	20.536	ug/l	99
65) Chlorobenzene	11.41	112	154255	19.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	62119	19.844	ug/l	99
67) Ethyl Benzene	11.49	91	282285	19.478	ug/l	98
68) m/p-Xylenes	11.59	106	213089	39.684	ug/l	97
69) o-Xylene	11.92	106	102008	19.642	ug/l	96
70) Styrene	11.94	104	165750	19.041	ug/l	97
71) Bromoform	12.10	173	44997	18.608	ug/l #	100
73) Isopropylbenzene	12.22	105	270063	19.503	ug/l	99
74) N-amyl acetate	12.05	43	113845	19.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	73356	19.963	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	72551m	18.955	ug/l	
77) Bromobenzene	12.50	156	65206	19.947	ug/l	99
78) n-propylbenzene	12.57	91	304261	19.488	ug/l	100
79) 2-Chlorotoluene	12.65	91	191218	19.940	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232260	19.840	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27737	18.296	ug/l	97
82) 4-Chlorotoluene	12.75	91	202520	20.246	ug/l	99
83) tert-Butylbenzene	12.97	119	187158	19.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	229459	19.694	ug/l	98
85) sec-Butylbenzene	13.14	105	236027	19.507	ug/l	99
86) p-Isopropyltoluene	13.26	119	216469	19.646	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	113622	19.534	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	111885	18.793	ug/l	97
89) n-Butylbenzene	13.59	91	188487	19.083	ug/l	98
90) Hexachloroethane	13.85	117	35534	17.807	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	110609	19.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17186	18.747	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61027	19.068	ug/l	98
94) Hexachlorobutadiene	14.98	225	34455	19.960	ug/l	98
95) Naphthalene	15.10	128	177591	18.529	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	56722	17.894	ug/l	96

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

