

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084989.D
 Acq On : 21 Nov 2024 11:20
 Operator : JC\MD
 Sample : VN1121WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01

Quant Time: Nov 21 14:51:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.353	128	26246	30.000	ug/l	-0.45
28) 1,4-Difluorobenzene	8.853	114	149355	30.000	ug/l	-0.25
57) Chlorobenzene-d5	11.812	117	136882	30.000	ug/l	-0.05
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.253	65	69456	32.917	ug/l	-0.32
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.733%	
60) 4-Bromofluorobenzene	12.823	95	71496	30.335	ug/l	-0.02
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.133%	
63) Toluene-d8	10.447	98	192319	29.679	ug/l	-0.12
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.933%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.077	62	418	0.245	ug/l #	1
7) Trichlorofluoromethane	3.348	101	33401	12.051	ug/l	91
15) Acetone	4.524	58	74	0.369	ug/l #	1
16) Carbon Disulfide	4.000	76	17045	3.787	ug/l #	42
21) 1,1-Dichloroethane	5.812	63	64025	20.405	ug/l	97
22) cis-1,2-Dichloroethene	6.947	96	38080	19.895	ug/l	98
23) tert-Butyl Alcohol	4.894	59	89	0.327	ug/l #	100
25) Chloroform	7.541	83	67105	20.874	ug/l	92
26) Cyclohexane	7.871	56	47350	19.756	ug/l #	97
29) 1,1-Dichloropropene	8.012	75	42792	19.022	ug/l	98
32) 1,1,1-Trichloroethane	7.771	97	60844	19.908	ug/l	98
33) Carbon Tetrachloride	7.994	117	52758	20.230	ug/l	95
34) Benzene	8.277	78	143006	19.232	ug/l	98
35) Methacrylonitrile	7.318	41	15763	12.817	ug/l	89
36) 1,2-Dichloroethane	8.853	62	5571	2.253	ug/l #	74
37) Trichloroethene	9.129	130	32054	19.109	ug/l	99
38) Methylcyclohexane	9.400	83	44700	18.458	ug/l	98
39) 1,2-Dichloropropane	9.424	63	35337	19.742	ug/l	93
40) Dibromomethane	9.518	93	25717	20.538	ug/l	97
41) Bromodichloromethane	9.718	83	51363	19.134	ug/l	99
42) Vinyl Acetate	6.959	43	114064	29.407	ug/l #	71
44) Isopropyl Acetate	8.406	43	81210	18.393	ug/l	90
45) 1,4-Dioxane	9.641	88	63	2.137	ug/l #	1
46) Methyl methacrylate	9.506	41	34877	19.656	ug/l	95
47) n-amyl Acetate	12.470	43	65715	19.929	ug/l	98
48) t-1,3-Dichloropropene	10.741	75	51944	19.597	ug/l	94
49) cis-1,3-Dichloropropene	10.176	75	56280	19.811	ug/l	90
50) 1,1,2-Trichloroethane	10.929	97	35170	20.939	ug/l	97
51) Ethyl methacrylate	10.788	69	50115	19.357	ug/l	96
52) 1,3-Dichloropropane	11.082	76	58956	20.222	ug/l	99
53) Dibromochloromethane	11.282	129	40524	20.617	ug/l	100
54) 1,2-Dibromoethane	11.394	107	34932	20.563	ug/l	97
55) 2-Chloroethyl vinyl ether	10.024	63	112235	88.421	ug/l	98
56) Bromoform	12.541	173	27052	20.533	ug/l	98
58) 4-Methyl-2-Pentanone	10.329	43	241779	111.962	ug/l	99
59) 2-Hexanone	11.123	43	177472	112.232	ug/l	99
61) Tetrachloroethene	11.018	164	28247	19.718	ug/l	95
62) Toluene	10.518	91	151665	19.453	ug/l	97
64) Chlorobenzene	11.835	112	95590	20.310	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084989.D
 Acq On : 21 Nov 2024 11:20
 Operator : JC\MD
 Sample : VN1121WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD01

Quant Time: Nov 21 14:51:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,1,1,2-Tetrachloroethane	11.912	131	35045	20.261	ug/l	99
66) Ethyl Benzene	11.912	91	155004	18.918	ug/l	93
67) m/p-Xylenes	12.023	106	121679	38.790	ug/l	99
68) o-Xylene	12.365	106	57518	19.009	ug/l	94
69) Styrene	12.376	104	99271	19.566	ug/l	100
70) Isopropylbenzene	12.665	105	144422	19.213	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	53729	22.053	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	67525	32.458	ug/l	64
73) Bromobenzene	12.953	156	38375	19.794	ug/l	94
74) n-propylbenzene	13.012	91	172606	19.637	ug/l	99
75) 2-Chlorotoluene	13.100	91	115024	20.095	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	128372	19.988	ug/l	99
77) t-1,4-Dichloro-2-butene	12.712	75	17925	21.008	ug/l	94
78) 4-Chlorotoluene	13.200	91	114592	19.814	ug/l	98
79) tert-butylbenzene	13.423	119	105951	19.949	ug/l	98
80) 1,2,4-Trimethylbenzene	13.464	105	130369	20.121	ug/l	99
81) sec-Butylbenzene	13.600	105	144707	19.773	ug/l	100
82) p-Isopropyltoluene	13.717	119	117920	19.176	ug/l	99
83) 1,3-Dichlorobenzene	13.717	146	72743	20.288	ug/l	99
84) 1,4-Dichlorobenzene	13.800	146	69000	19.476	ug/l	98
85) n-Butylbenzene	14.047	91	97455	18.869	ug/l	98
86) Hexachloroethane	14.323	117	25834	20.542	ug/l	98
87) 1,2-Dichlorobenzene	14.094	146	70346	19.910	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.711	75	10761	22.891	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	33474	19.458	ug/l	98
90) Hexachlorobutadiene	15.494	225	16629	22.129	ug/l	92
91) Naphthalene	15.635	128	103274	18.798	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	33474	19.458	ug/l	98

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

