

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081639.D
 Acq On : 01 Apr 2024 11:00
 Operator : JC\MD
 Sample : VN0401WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2024
 Supervised By : Mahesh Dadoda 04/02/2024

Quant Time: Apr 02 01:11:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	325018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	572922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	525267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	220418	53.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.360%			
35) Dibromofluoromethane	8.171	113	195822	54.158	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	10.565	98	670922	51.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.847	95	239598	52.024	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69851	15.961	ug/l	95
3) Chloromethane	2.359	50	73488	16.866	ug/l	96
4) Vinyl Chloride	2.518	62	88139	18.024	ug/l	94
5) Bromomethane	2.953	94	55244	15.974	ug/l	96
6) Chloroethane	3.118	64	50658	15.088	ug/l	99
7) Trichlorofluoromethane	3.500	101	139216	19.102	ug/l	95
8) Diethyl Ether	3.965	74	44269	18.354	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	80016	19.323	ug/l #	89
10) Methyl Iodide	4.595	142	75506	18.310	ug/l	95
11) Tert butyl alcohol	5.518	59	65663	90.907	ug/l #	72
12) 1,1-Dichloroethene	4.336	96	68591	17.882	ug/l #	79
13) Acrolein	4.177	56	50811	78.394	ug/l	97
14) Allyl chloride	5.018	41	83520	17.377	ug/l #	84
15) Acrylonitrile	5.712	53	184344	95.398	ug/l	99
16) Acetone	4.424	43	126934	94.761	ug/l	97
17) Carbon Disulfide	4.712	76	164993	14.989	ug/l	96
18) Methyl Acetate	5.024	43	92832	22.479	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	235340	19.605	ug/l	96
20) Methylene Chloride	5.283	84	84311	19.215	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	80729	18.876	ug/l #	78
22) Diisopropyl ether	6.671	45	226489	20.280	ug/l #	94
23) Vinyl Acetate	6.606	43	797202	89.681	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	148263	19.821	ug/l	98
25) 2-Butanone	7.483	43	214652	93.427	ug/l #	87
26) 2,2-Dichloropropane	7.483	77	134541	20.738	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	93731	19.370	ug/l	85
28) Bromochloromethane	7.812	49	69820	22.917	ug/l #	52
29) Tetrahydrofuran	7.841	42	150714	97.374	ug/l #	80
30) Chloroform	7.965	83	166638	20.810	ug/l	95
31) Cyclohexane	8.259	56	109957	16.303	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	148721	20.471	ug/l #	86
36) 1,1-Dichloropropene	8.371	75	109799	18.045	ug/l	94
37) Ethyl Acetate	7.559	43	87016	16.700	ug/l #	97
38) Carbon Tetrachloride	8.365	117	127326	19.102	ug/l	93
39) Methylcyclohexane	9.606	83	117074	17.229	ug/l	88
40) Benzene	8.606	78	341414	19.192	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	55041m	19.975	ug/l	
42) 1,2-Dichloroethane	8.671	62	117590	18.783	ug/l	96
43) Isopropyl Acetate	8.688	43	162626	18.829	ug/l #	93
44) Trichloroethene	9.353	130	94833	18.954	ug/l	98
45) 1,2-Dichloropropane	9.624	63	84777	19.664	ug/l	93
46) Dibromomethane	9.712	93	63379	19.358	ug/l #	86
47) Bromodichloromethane	9.888	83	132114	20.638	ug/l #	96
48) Methyl methacrylate	9.682	41	70034	17.580	ug/l #	84
49) 1,4-Dioxane	9.694	88	36665	382.990	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	489831	92.944	ug/l	92
52) Toluene	10.629	92	220860	19.533	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	126762	18.338	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	138903	18.742	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	91444	20.096	ug/l	90
56) Ethyl methacrylate	10.876	69	113849	18.331	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	151463	20.305	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	291603	101.845	ug/l #	84
59) 2-Hexanone	11.194	43	366843	94.148	ug/l	94
60) Dibromochloromethane	11.359	129	101704	20.323	ug/l	97
61) 1,2-Dibromoethane	11.471	107	91304	19.681	ug/l	95
64) Tetrachloroethene	11.106	164	99323	19.782	ug/l #	86
65) Chlorobenzene	11.888	112	237808	19.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	93804	20.382	ug/l	97
67) Ethyl Benzene	11.965	91	399844	18.537	ug/l	98
68) m/p-Xylenes	12.071	106	321118	39.712	ug/l	91
69) o-Xylene	12.400	106	154970	19.522	ug/l	90
70) Styrene	12.412	104	248485	19.408	ug/l	96
71) Bromoform	12.582	173	66398	19.199	ug/l #	95
73) Isopropylbenzene	12.700	105	393869	19.067	ug/l	98
74) N-amyl acetate	12.494	43	128285	17.160	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	116586	19.196	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	105325m	18.169	ug/l	
77) Bromobenzene	12.982	156	96181	18.848	ug/l	71
78) n-propylbenzene	13.035	91	468188	19.192	ug/l	95
79) 2-Chlorotoluene	13.123	91	275922	18.898	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	337261	19.767	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	37608	17.532	ug/l #	82
82) 4-Chlorotoluene	13.223	91	278515	19.348	ug/l	93
83) tert-Butylbenzene	13.441	119	282985	19.234	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	340221	19.840	ug/l	95
85) sec-Butylbenzene	13.617	105	403941	19.205	ug/l	93
86) p-Isopropyltoluene	13.729	119	333242	19.382	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	178550	19.044	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	177154	18.248	ug/l	97
89) n-Butylbenzene	14.059	91	273167	17.918	ug/l	97
90) Hexachloroethane	14.335	117	64769	19.891	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	176440	19.552	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23467	18.155	ug/l	77
93) 1,2,4-Trichlorobenzene	15.400	180	91091	17.458	ug/l	98
94) Hexachlorobutadiene	15.506	225	39287	17.161	ug/l	96
95) Naphthalene	15.641	128	293650	17.368	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93119	17.743	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

