

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080713.D
 Acq On : 15 Jan 2024 14:03
 Operator : JC\MD
 Sample : VN0115WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

01/16/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Jan 16 00:40:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138071	43.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.000%
35) Dibromofluoromethane	8.165	113	102306	50.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.565	98	407175	52.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.853	95	139184	46.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53024	17.850	ug/l	100
3) Chloromethane	2.359	50	78846	23.455	ug/l	97
4) Vinyl Chloride	2.518	62	58480	21.699	ug/l	92
5) Bromomethane	2.959	94	23323	22.768	ug/l	100
6) Chloroethane	3.130	64	31237	21.424	ug/l	96
7) Trichlorofluoromethane	3.501	101	79291	17.815	ug/l	98
8) Diethyl Ether	3.959	74	37302	19.178	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	47951	19.767	ug/l	92
10) Methyl Iodide	4.595	142	40450	19.941	ug/l	89
11) Tert butyl alcohol	5.512	59	40554	74.682	ug/l	98
12) 1,1-Dichloroethene	4.336	96	52618	19.275	ug/l	87
13) Acrolein	4.171	56	39984	88.125	ug/l	95
14) Allyl chloride	5.018	41	100283	18.532	ug/l #	92
15) Acrylonitrile	5.712	53	132523	93.457	ug/l	99
16) Acetone	4.412	43	82532	78.292	ug/l	91
17) Carbon Disulfide	4.706	76	158043	18.929	ug/l	97
18) Methyl Acetate	5.018	43	55795	17.774	ug/l #	86
19) Methyl tert-butyl Ether	5.783	73	176939	18.810	ug/l	96
20) Methylene Chloride	5.277	84	59821	19.439	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	57363	20.717	ug/l #	83
22) Diisopropyl ether	6.665	45	220234	21.582	ug/l #	88
23) Vinyl Acetate	6.600	43	834293	100.452	ug/l #	84
24) 1,1-Dichloroethane	6.565	63	114210	20.446	ug/l	97
25) 2-Butanone	7.477	43	161991	85.013	ug/l #	83
26) 2,2-Dichloropropane	7.489	77	96273	19.707	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	64247	21.048	ug/l	81
28) Bromochloromethane	7.818	49	42673	16.341	ug/l #	63
29) Tetrahydrofuran	7.836	42	113361	88.265	ug/l #	71
30) Chloroform	7.959	83	105082	20.067	ug/l	93
31) Cyclohexane	8.253	56	104345	21.035	ug/l #	77
32) 1,1,1-Trichloroethane	8.159	97	85082	18.253	ug/l #	89
36) 1,1-Dichloropropene	8.371	75	81092	19.372	ug/l	94
37) Ethyl Acetate	7.559	43	73622	18.137	ug/l #	89
38) Carbon Tetrachloride	8.359	117	70326	18.711	ug/l	93
39) Methylcyclohexane	9.600	83	83839	20.929	ug/l #	79
40) Benzene	8.606	78	250848	21.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	43012	18.268	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	81740	18.144	ug/l	99
43) Isopropyl Acetate	8.688	43	138206	18.523	ug/l #	91
44) Trichloroethene	9.353	130	55104	20.684	ug/l	100
45) 1,2-Dichloropropane	9.624	63	68900	22.084	ug/l	98
46) Dibromomethane	9.712	93	37582	19.040	ug/l	94
47) Bromodichloromethane	9.888	83	85087	19.421	ug/l	98
48) Methyl methacrylate	9.682	41	64841	18.355	ug/l #	74
49) 1,4-Dioxane	9.694	88	13281	301.728	ug/l #	67
51) 4-Methyl-2-Pentanone	10.441	43	367517	91.301	ug/l	88
52) Toluene	10.629	92	145888	21.637	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	95982	19.738	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	106100	20.574	ug/l #	83
55) 1,1,2-Trichloroethane	11.012	97	53206	20.502	ug/l	95
56) Ethyl methacrylate	10.871	69	89985	19.359	ug/l #	78
57) 1,3-Dichloropropane	11.165	76	99804	21.065	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	206537	92.768	ug/l #	84
59) 2-Hexanone	11.194	43	268121	90.229	ug/l	85
60) Dibromochloromethane	11.359	129	52554	19.704	ug/l	100
61) 1,2-Dibromoethane	11.471	107	49924	19.570	ug/l	99
64) Tetrachloroethene	11.100	164	42450	20.246	ug/l	95
65) Chlorobenzene	11.888	112	140949	21.130	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	47647	20.118	ug/l	98
67) Ethyl Benzene	11.965	91	266289	20.906	ug/l	98
68) m/p-Xylenes	12.071	106	198884	44.413	ug/l	96
69) o-Xylene	12.400	106	96484	22.036	ug/l	93
70) Styrene	12.412	104	153085	20.589	ug/l	95
71) Bromoform	12.576	173	29867	18.330	ug/l #	97
73) Isopropylbenzene	12.694	105	235099	21.597	ug/l	97
74) N-amyl acetate	12.494	43	125883	19.269	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	68819	19.272	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	69325m	19.639	ug/l	
77) Bromobenzene	12.982	156	48173	20.835	ug/l	75
78) n-propylbenzene	13.035	91	281744	21.098	ug/l	95
79) 2-Chlorotoluene	13.123	91	171607	20.052	ug/l	94
80) 1,3,5-Trimethylbenzene	13.171	105	188232	20.748	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	28678	19.152	ug/l #	91
82) 4-Chlorotoluene	13.223	91	174467	20.795	ug/l	93
83) tert-Butylbenzene	13.441	119	145161	20.015	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	186646	20.923	ug/l	97
85) sec-Butylbenzene	13.618	105	222993	21.640	ug/l	94
86) p-Isopropyltoluene	13.729	119	172061	21.141	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	84542	20.471	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	82979	19.723	ug/l	91
89) n-Butylbenzene	14.059	91	169250	21.575	ug/l	97
90) Hexachloroethane	14.335	117	29464	19.521	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81330	20.899	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12150	14.602	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	42610	21.024	ug/l	98
94) Hexachlorobutadiene	15.500	225	19020	19.555	ug/l	100
95) Naphthalene	15.641	128	144210	18.080	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	38280	19.513	ug/l	96

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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

