

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011524\
 Data File : VN080714.D
 Acq On : 15 Jan 2024 14:27
 Operator : JC\MD
 Sample : VN0115WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2024
 Supervised By : Mahesh Dadoda 01/16/2024

Quant Time: Jan 16 00:40:59 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	177608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	142090	45.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.120%		
35) Dibromofluoromethane	8.165	113	102971	50.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	10.565	98	418146	54.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.360%		
62) 4-Bromofluorobenzene	12.847	95	142746	48.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53174	18.428	ug/l	94
3) Chloromethane	2.359	50	72005	22.025	ug/l	99
4) Vinyl Chloride	2.512	62	56388	21.539	ug/l	100
5) Bromomethane	2.959	94	21682	21.790	ug/l	97
6) Chloroethane	3.124	64	30693	21.676	ug/l	99
7) Trichlorofluoromethane	3.506	101	77240	17.866	ug/l	97
8) Diethyl Ether	3.959	74	36899	19.530	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	4.371	101	47898	20.327	ug/l	92
10) Methyl Iodide	4.595	142	40224	20.414	ug/l	95
11) Tert butyl alcohol	5.500	59	43867	83.164	ug/l	99
12) 1,1-Dichloroethene	4.336	96	50076	18.885	ug/l #	78
13) Acrolein	4.171	56	39706	90.091	ug/l	97
14) Allyl chloride	5.024	41	109110	20.757	ug/l #	84
15) Acrylonitrile	5.712	53	135471	98.351	ug/l	96
16) Acetone	4.424	43	81632	79.720	ug/l	90
17) Carbon Disulfide	4.712	76	153527	18.930	ug/l	97
18) Methyl Acetate	5.018	43	58021	19.028	ug/l #	81
19) Methyl tert-butyl Ether	5.789	73	178386	19.523	ug/l	95
20) Methylene Chloride	5.277	84	58614	19.608	ug/l #	80
21) trans-1,2-Dichloroethene	5.783	96	53348	19.834	ug/l #	77
22) Diisopropyl ether	6.665	45	218741	22.068	ug/l #	90
23) Vinyl Acetate	6.600	43	821740	101.856	ug/l #	83
24) 1,1-Dichloroethane	6.565	63	113638	20.943	ug/l	95
25) 2-Butanone	7.477	43	167375	90.427	ug/l #	76
26) 2,2-Dichloropropane	7.483	77	92429	19.478	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61196	20.639	ug/l	76
28) Bromochloromethane	7.806	49	44044	17.363	ug/l #	63
29) Tetrahydrofuran	7.830	42	114221	91.555	ug/l #	72
30) Chloroform	7.965	83	101765	20.006	ug/l	93
31) Cyclohexane	8.253	56	99375	20.623	ug/l #	74
32) 1,1,1-Trichloroethane	8.165	97	83352	18.408	ug/l #	94
36) 1,1-Dichloropropene	8.371	75	80489	19.412	ug/l	95
37) Ethyl Acetate	7.553	43	73095	18.180	ug/l #	92
38) Carbon Tetrachloride	8.359	117	67296	18.076	ug/l #	86
39) Methylcyclohexane	9.594	83	83862	21.135	ug/l #	86
40) Benzene	8.606	78	244508	20.977	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	42715	18.315	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	82480	18.483	ug/l	99
43) Isopropyl Acetate	8.682	43	140202	18.970	ug/l #	88
44) Trichloroethene	9.347	130	51134	19.378	ug/l	87
45) 1,2-Dichloropropane	9.618	63	65823	21.300	ug/l	94
46) Dibromomethane	9.706	93	38299	19.589	ug/l	91
47) Bromodichloromethane	9.888	83	80437	18.536	ug/l #	89
48) Methyl methacrylate	9.677	41	65089	18.602	ug/l #	74
49) 1,4-Dioxane	9.688	88	16045	368.014	ug/l #	73
51) 4-Methyl-2-Pentanone	10.441	43	372368	93.392	ug/l	88
52) Toluene	10.629	92	142770	21.378	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	93469	19.405	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	103490	20.261	ug/l #	82
55) 1,1,2-Trichloroethane	11.012	97	52741	20.517	ug/l	92
56) Ethyl methacrylate	10.871	69	88583	19.240	ug/l #	75
57) 1,3-Dichloropropane	11.159	76	99811	21.269	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	202515	91.833	ug/l #	84
59) 2-Hexanone	11.194	43	268166	91.108	ug/l	87
60) Dibromochloromethane	11.359	129	49439	18.714	ug/l	95
61) 1,2-Dibromoethane	11.471	107	49152	19.451	ug/l	99
64) Tetrachloroethene	11.106	164	40590	19.906	ug/l	95
65) Chlorobenzene	11.888	112	131835	20.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	46238	20.075	ug/l	96
67) Ethyl Benzene	11.965	91	260588	21.037	ug/l	92
68) m/p-Xylenes	12.070	106	182920	42.003	ug/l	87
69) o-Xylene	12.394	106	90005	21.137	ug/l	89
70) Styrene	12.412	104	152284	21.061	ug/l	96
71) Bromoform	12.576	173	28008	17.676	ug/l #	97
73) Isopropylbenzene	12.694	105	224918	20.878	ug/l	98
74) N-amyl acetate	12.494	43	124014	19.182	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	68526	19.391	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	60096m	17.203	ug/l	
77) Bromobenzene	12.982	156	44600	19.492	ug/l	71
78) n-propylbenzene	13.035	91	266295	20.150	ug/l	95
79) 2-Chlorotoluene	13.123	91	169231	19.982	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	183254	20.411	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	26818	18.097	ug/l #	87
82) 4-Chlorotoluene	13.217	91	164706	19.837	ug/l	92
83) tert-Butylbenzene	13.435	119	147602	20.565	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	184461	20.894	ug/l	97
85) sec-Butylbenzene	13.617	105	215561	21.138	ug/l	95
86) p-Isopropyltoluene	13.729	119	168834	20.962	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	81519	19.946	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	82997	19.934	ug/l	96
89) n-Butylbenzene	14.059	91	161478	20.800	ug/l	96
90) Hexachloroethane	14.335	117	29472	19.731	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80857	20.995	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12000	14.572	ug/l	87
93) 1,2,4-Trichlorobenzene	15.400	180	39975	19.931	ug/l	98
94) Hexachlorobutadiene	15.494	225	17616	18.301	ug/l	97
95) Naphthalene	15.641	128	140271	17.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37111	19.115	ug/l	98

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

