

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082983.D
 Acq On : 19 Jul 2024 12:57
 Operator : JC\MD
 Sample : VN0719WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2024
 Supervised By : Mahesh Dadoda 07/22/2024

Quant Time: Jul 22 02:03:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	80760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	140125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	128571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	64673	57.127	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.260%			
35) Dibromofluoromethane	8.165	113	49544	55.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.200%			
50) Toluene-d8	10.565	98	181888	54.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.853	95	58979	49.441	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	20759	19.854	ug/l	97
3) Chloromethane	2.365	50	17731	17.882	ug/l	96
4) Vinyl Chloride	2.518	62	20577	19.759	ug/l	97
5) Bromomethane	2.959	94	14832	19.754	ug/l	98
6) Chloroethane	3.118	64	15976	22.418	ug/l	94
7) Trichlorofluoromethane	3.500	101	32756	21.869	ug/l	97
8) Diethyl Ether	3.959	74	10212	19.922	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	19290	22.755	ug/l	99
10) Methyl Iodide	4.595	142	17520	20.158	ug/l	92
11) Tert butyl alcohol	5.524	59	16881	88.656	ug/l	96
12) 1,1-Dichloroethene	4.342	96	16494	20.007	ug/l	88
13) Acrolein	4.183	56	10930	79.507	ug/l	90
14) Allyl chloride	5.018	41	23014	17.904	ug/l #	92
15) Acrylonitrile	5.724	53	47432	108.392	ug/l	99
16) Acetone	4.424	43	39876	100.045	ug/l	100
17) Carbon Disulfide	4.718	76	44115	17.907	ug/l	96
18) Methyl Acetate	5.024	43	26727	25.341	ug/l #	91
19) Methyl tert-butyl Ether	5.794	73	60147	21.150	ug/l	99
20) Methylene Chloride	5.271	84	21212	22.037	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	17465	19.551	ug/l	85
22) Diisopropyl ether	6.677	45	61441	22.847	ug/l #	94
23) Vinyl Acetate	6.606	43	221618	103.771	ug/l	95
24) 1,1-Dichloroethane	6.571	63	37474	22.973	ug/l	98
25) 2-Butanone	7.483	43	61700	102.520	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	31042	20.467	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	22297	21.320	ug/l	90
28) Bromochloromethane	7.818	49	16887	24.131	ug/l #	80
29) Tetrahydrofuran	7.841	42	40209	106.124	ug/l #	86
30) Chloroform	7.965	83	40223	23.243	ug/l	98
31) Cyclohexane	8.259	56	27663	18.690	ug/l	89
32) 1,1,1-Trichloroethane	8.165	97	35769	22.262	ug/l	94
36) 1,1-Dichloropropene	8.371	75	25753	20.774	ug/l	99
37) Ethyl Acetate	7.559	43	26185	20.747	ug/l	98
38) Carbon Tetrachloride	8.365	117	30335	20.323	ug/l	100
39) Methylcyclohexane	9.600	83	23416	17.487	ug/l	94
40) Benzene	8.606	78	81976	21.497	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	13691	20.135	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	30901	22.510	ug/l	95
43) Isopropyl Acetate	8.688	43	50962	19.611	ug/l	99
44) Trichloroethene	9.353	130	19110	19.561	ug/l	97
45) 1,2-Dichloropropane	9.624	63	20907	23.484	ug/l	94
46) Dibromomethane	9.712	93	15855	22.860	ug/l	97
47) Bromodichloromethane	9.888	83	33336	23.262	ug/l	96
48) Methyl methacrylate	9.682	41	19566	19.771	ug/l	85
49) 1,4-Dioxane	9.700	88	8170	374.260	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	136954	109.455	ug/l	95
52) Toluene	10.629	92	51691	21.700	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	31256	21.172	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	32764	20.967	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	21604	24.664	ug/l	97
56) Ethyl methacrylate	10.876	69	28470	20.891	ug/l	90
57) 1,3-Dichloropropane	11.165	76	35558	22.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76238	109.024	ug/l	97
59) 2-Hexanone	11.194	43	98339	105.710	ug/l	95
60) Dibromochloromethane	11.359	129	24965	22.377	ug/l	99
61) 1,2-Dibromoethane	11.471	107	20160	21.673	ug/l	96
64) Tetrachloroethene	11.100	164	19673	20.509	ug/l	98
65) Chlorobenzene	11.894	112	56262	20.421	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	21873	22.320	ug/l	98
67) Ethyl Benzene	11.965	91	90386	19.520	ug/l	97
68) m/p-Xylenes	12.071	106	69999	40.041	ug/l	97
69) o-Xylene	12.400	106	33183	19.810	ug/l	93
70) Styrene	12.412	104	57684	20.842	ug/l	97
71) Bromoform	12.576	173	16082	20.867	ug/l #	99
73) Isopropylbenzene	12.694	105	83805	19.298	ug/l	100
74) N-amyl acetate	12.494	43	35723	19.887	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	28657	22.034	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	21407m	20.776	ug/l	
77) Bromobenzene	12.982	156	22547	20.125	ug/l	95
78) n-propylbenzene	13.035	91	100010	20.030	ug/l	99
79) 2-Chlorotoluene	13.123	91	62206	19.553	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	69519	19.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	9971m	19.032	ug/l	
82) 4-Chlorotoluene	13.223	91	61906	19.659	ug/l	98
83) tert-Butylbenzene	13.441	119	56896	18.282	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	70221	19.627	ug/l	96
85) sec-Butylbenzene	13.617	105	79754	18.964	ug/l	97
86) p-Isopropyltoluene	13.729	119	65115	18.558	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	40291	19.908	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	40666	19.429	ug/l	99
89) n-Butylbenzene	14.059	91	54423	18.105	ug/l	98
90) Hexachloroethane	14.329	117	15053	20.275	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	38884	19.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5376	17.867	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	18856	17.814	ug/l	98
94) Hexachlorobutadiene	15.500	225	8623	18.377	ug/l	98
95) Naphthalene	15.641	128	58136	16.036	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	19353	17.782	ug/l	98

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

