

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070224\
 Data File : VN082785.D
 Acq On : 02 Jul 2024 14:35
 Operator : JC\MD
 Sample : VN0702WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2024
 Supervised By : Mahesh Dadoda 07/03/2024

Quant Time: Jul 03 00:30:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	255062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	226953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100944	44.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.240%		
35) Dibromofluoromethane	8.165	113	79870	47.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	10.571	98	290593	46.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.540%		
62) 4-Bromofluorobenzene	12.847	95	105977	49.137	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37355	16.680	ug/l	96
3) Chloromethane	2.359	50	32485	13.859	ug/l	94
4) Vinyl Chloride	2.512	62	35909	14.458	ug/l	97
5) Bromomethane	2.959	94	23397	13.241	ug/l	97
6) Chloroethane	3.124	64	23385	13.349	ug/l	98
7) Trichlorofluoromethane	3.494	101	51290	16.659	ug/l	92
8) Diethyl Ether	3.959	74	18685	19.405	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	31034	17.669	ug/l	98
10) Methyl Iodide	4.594	142	29488	18.310	ug/l	99
11) Tert butyl alcohol	5.530	59	32573	90.138	ug/l	96
12) 1,1-Dichloroethene	4.342	96	29290	17.877	ug/l	93
13) Acrolein	4.177	56	21666	98.557	ug/l	99
14) Allyl chloride	5.024	41	47843	19.435	ug/l #	91
15) Acrylonitrile	5.724	53	75075	78.101	ug/l	99
16) Acetone	4.436	43	65192	76.057	ug/l	94
17) Carbon Disulfide	4.712	76	74659	13.913	ug/l	99
18) Methyl Acetate	5.030	43	35458	15.561	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	104552	19.246	ug/l	100
20) Methylene Chloride	5.289	84	32964	15.198	ug/l #	78
21) trans-1,2-Dichloroethene	5.788	96	30848	17.448	ug/l	93
22) Diisopropyl ether	6.677	45	100053	17.470	ug/l #	94
23) Vinyl Acetate	6.606	43	394421	86.254	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	58174	16.731	ug/l	98
25) 2-Butanone	7.488	43	104107	79.499	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	55027	24.667	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	37292	17.927	ug/l	92
28) Bromochloromethane	7.818	49	23560	15.492	ug/l #	76
29) Tetrahydrofuran	7.841	42	66781	79.084	ug/l #	83
30) Chloroform	7.965	83	63373	17.096	ug/l	99
31) Cyclohexane	8.253	56	48316	15.157	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	58485	17.870	ug/l	96
36) 1,1-Dichloropropene	8.371	75	44396	18.393	ug/l	98
37) Ethyl Acetate	7.559	43	45035	17.263	ug/l	96
38) Carbon Tetrachloride	8.359	117	52553	18.616	ug/l	95
39) Methylcyclohexane	9.600	83	46336	18.490	ug/l	86
40) Benzene	8.606	78	133407	16.848	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	22479	16.711	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	48863	17.185	ug/l	96
43) Isopropyl Acetate	8.688	43	82971	18.280	ug/l #	95
44) Trichloroethene	9.353	130	33501	18.222	ug/l	100
45) 1,2-Dichloropropane	9.624	63	33021	17.207	ug/l	99
46) Dibromomethane	9.712	93	24955	17.802	ug/l	99
47) Bromodichloromethane	9.888	83	51853	18.154	ug/l	99
48) Methyl methacrylate	9.682	41	34758	17.313	ug/l #	86
49) 1,4-Dioxane	9.694	88	14395	359.270	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	222877	83.527	ug/l	93
52) Toluene	10.629	92	85627	18.416	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	51934	19.224	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	56322	19.830	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	32171	17.843	ug/l	96
56) Ethyl methacrylate	10.876	69	52736	19.448	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	56219	17.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	130706	95.677	ug/l	95
59) 2-Hexanone	11.200	43	167495	84.657	ug/l	92
60) Dibromochloromethane	11.359	129	40351	18.454	ug/l	99
61) 1,2-Dibromoethane	11.470	107	33186	17.519	ug/l	95
64) Tetrachloroethene	11.106	164	31930	18.781	ug/l	97
65) Chlorobenzene	11.894	112	93963	18.456	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	34409	19.449	ug/l	99
67) Ethyl Benzene	11.965	91	161305	19.199	ug/l	97
68) m/p-Xylenes	12.070	106	123239	39.421	ug/l	98
69) o-Xylene	12.400	106	60655	20.132	ug/l	95
70) Styrene	12.412	104	100364	19.622	ug/l	98
71) Bromoform	12.576	173	26169	18.913	ug/l #	97
73) Isopropylbenzene	12.694	105	151936	20.393	ug/l	99
74) N-amyl acetate	12.494	43	63562	19.114	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	43246	16.544	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	41329m	18.547	ug/l	
77) Bromobenzene	12.982	156	37450	20.226	ug/l	96
78) n-propylbenzene	13.035	91	172210	19.575	ug/l	99
79) 2-Chlorotoluene	13.123	91	108892	19.750	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	124824	20.395	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17960m	21.020	ug/l	
82) 4-Chlorotoluene	13.223	91	104635	19.233	ug/l	96
83) tert-Butylbenzene	13.441	119	108067	20.981	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	127029	20.999	ug/l	98
85) sec-Butylbenzene	13.617	105	145053	20.099	ug/l	99
86) p-Isopropyltoluene	13.729	119	122940	21.262	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	67639	19.078	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	67214	18.214	ug/l	99
89) n-Butylbenzene	14.059	91	100905	19.707	ug/l	99
90) Hexachloroethane	14.335	117	23801	18.538	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	65157	19.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9797	19.893	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	35425	21.551	ug/l	98
94) Hexachlorobutadiene	15.500	225	13869	18.653	ug/l	98
95) Naphthalene	15.641	128	124199	22.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	35625	20.322	ug/l	94

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

