

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083007.D
 Acq On : 22 Jul 2024 16:25
 Operator : JC\MD
 Sample : VN0722WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 06:51:20 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	81756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	141706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	131364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	64023	55.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.720%			
35) Dibromofluoromethane	8.165	113	50633	55.684	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.360%			
50) Toluene-d8	10.571	98	184261	54.865	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.853	95	58077	48.141	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	20474	19.343	ug/l	100
3) Chloromethane	2.365	50	17574	17.508	ug/l	100
4) Vinyl Chloride	2.512	62	21610	20.498	ug/l	98
5) Bromomethane	2.948	94	14985	19.714	ug/l	85
6) Chloroethane	3.112	64	17344	24.041	ug/l	94
7) Trichlorofluoromethane	3.495	101	31441	20.736	ug/l	96
8) Diethyl Ether	3.959	74	10021	19.311	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	19203	22.377	ug/l	99
10) Methyl Iodide	4.589	142	13197	14.999	ug/l	97
11) Tert butyl alcohol	5.530	59	18464	95.788	ug/l	97
12) 1,1-Dichloroethene	4.336	96	16558	19.840	ug/l	84
13) Acrolein	4.183	56	10836	77.863	ug/l	99
14) Allyl chloride	5.018	41	22357	17.181	ug/l #	89
15) Acrylonitrile	5.718	53	46613	105.223	ug/l	98
16) Acetone	4.436	43	46483	115.201	ug/l #	88
17) Carbon Disulfide	4.706	76	41261	16.545	ug/l	98
18) Methyl Acetate	5.024	43	28501	26.694	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	56900	19.764	ug/l	94
20) Methylene Chloride	5.277	84	20508	21.046	ug/l #	76
21) trans-1,2-Dichloroethene	5.794	96	17313	19.145	ug/l	83
22) Diisopropyl ether	6.677	45	58906	21.637	ug/l	96
23) Vinyl Acetate	6.606	43	213614	98.805	ug/l #	93
24) 1,1-Dichloroethane	6.577	63	36029	21.818	ug/l	99
25) 2-Butanone	7.488	43	65428	107.390	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	33251	21.656	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	21820	20.610	ug/l	89
28) Bromochloromethane	7.818	49	17689	24.969	ug/l #	80
29) Tetrahydrofuran	7.847	42	40399	105.326	ug/l #	85
30) Chloroform	7.965	83	38892	22.200	ug/l	100
31) Cyclohexane	8.259	56	27740	18.514	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	35333	21.723	ug/l	94
36) 1,1-Dichloropropene	8.377	75	23818	18.999	ug/l	98
37) Ethyl Acetate	7.565	43	27280	21.373	ug/l	99
38) Carbon Tetrachloride	8.365	117	30954	20.507	ug/l	97
39) Methylcyclohexane	9.600	83	21757	16.066	ug/l	89
40) Benzene	8.606	78	77972	20.219	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	14054	20.438	ug/l	92
42) 1,2-Dichloroethane	8.677	62	30060	21.653	ug/l	99
43) Isopropyl Acetate	8.694	43	45104	16.769	ug/l #	93
44) Trichloroethene	9.353	130	18642	18.869	ug/l	89
45) 1,2-Dichloropropane	9.624	63	19642	21.817	ug/l	93
46) Dibromomethane	9.712	93	15123	21.562	ug/l	98
47) Bromodichloromethane	9.888	83	32330	22.308	ug/l	98
48) Methyl methacrylate	9.682	41	19385	19.369	ug/l	85
49) 1,4-Dioxane	9.700	88	8214	372.062	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	143378	113.311	ug/l	94
52) Toluene	10.635	92	50133	20.811	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	29067	19.469	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	31662	20.036	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	20959	23.661	ug/l	97
56) Ethyl methacrylate	10.876	69	27956	20.285	ug/l	91
57) 1,3-Dichloropropane	11.165	76	34006	21.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	77724	109.909	ug/l	96
59) 2-Hexanone	11.200	43	108031	114.833	ug/l	96
60) Dibromochloromethane	11.365	129	24055	21.321	ug/l	98
61) 1,2-Dibromoethane	11.471	107	20067	21.332	ug/l	97
64) Tetrachloroethene	11.106	164	17736	18.097	ug/l	97
65) Chlorobenzene	11.894	112	55958	19.879	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	21082	21.055	ug/l	99
67) Ethyl Benzene	11.965	91	87129	18.416	ug/l	99
68) m/p-Xylenes	12.076	106	67816	37.968	ug/l	98
69) o-Xylene	12.400	106	31736	18.543	ug/l	96
70) Styrene	12.412	104	55009	19.453	ug/l	97
71) Bromoform	12.576	173	16201	20.574	ug/l #	96
73) Isopropylbenzene	12.700	105	79931	17.777	ug/l	98
74) N-amyl acetate	12.494	43	35734	19.213	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	29795	22.126	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	26611m	24.944	ug/l	
77) Bromobenzene	12.982	156	21489	18.525	ug/l	98
78) n-propylbenzene	13.035	91	96912	18.746	ug/l	99
79) 2-Chlorotoluene	13.129	91	59576	18.086	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	67585	18.595	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	10976	20.235	ug/l	91
82) 4-Chlorotoluene	13.223	91	59983	18.398	ug/l	98
83) tert-Butylbenzene	13.441	119	56926	17.667	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	67648	18.262	ug/l	98
85) sec-Butylbenzene	13.617	105	78523	18.034	ug/l	100
86) p-Isopropyltoluene	13.735	119	63456	17.467	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	39272	18.741	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	38938	17.968	ug/l	99
89) n-Butylbenzene	14.059	91	51225	16.459	ug/l	98
90) Hexachloroethane	14.335	117	14433	18.776	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	37836	18.597	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5433	17.439	ug/l	86
93) 1,2,4-Trichlorobenzene	15.400	180	17151	15.650	ug/l	98
94) Hexachlorobutadiene	15.500	225	8117	16.707	ug/l	97
95) Naphthalene	15.641	128	56414	15.029	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	18855	16.733	ug/l	94

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

