

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN082999.D
 Acq On : 22 Jul 2024 12:28
 Operator : JC\MD
 Sample : VN0722WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBS01

Quant Time: Jul 23 03:48:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	79839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	137192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	126881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	58651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	63959	57.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.300%			
35) Dibromofluoromethane	8.171	113	49514	56.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.500%			
50) Toluene-d8	10.571	98	179863	55.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.640%			
62) 4-Bromofluorobenzene	12.853	95	57068	48.861	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	20143	19.487	ug/l	92
3) Chloromethane	2.365	50	17524	17.877	ug/l	99
4) Vinyl Chloride	2.512	62	21321	20.710	ug/l	94
5) Bromomethane	2.954	94	15464	20.833	ug/l	99
6) Chloroethane	3.118	64	17410	24.712	ug/l	99
7) Trichlorofluoromethane	3.495	101	32031	21.632	ug/l	92
8) Diethyl Ether	3.965	74	10505	20.730	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	19558	23.338	ug/l	96
10) Methyl Iodide	4.589	142	12176	14.171	ug/l #	93
11) Tert butyl alcohol	5.530	59	19065	101.280	ug/l	100
12) 1,1-Dichloroethene	4.336	96	16281	19.976	ug/l	82
13) Acrolein	4.189	56	9631	70.866	ug/l	94
14) Allyl chloride	5.030	41	22587	17.774	ug/l #	91
15) Acrylonitrile	5.724	53	47265	109.257	ug/l	98
16) Acetone	4.430	43	43047	109.247	ug/l	100
17) Carbon Disulfide	4.712	76	42374	17.399	ug/l	100
18) Methyl Acetate	5.030	43	27573	26.445	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	56707	20.170	ug/l	97
20) Methylene Chloride	5.277	84	21185	22.262	ug/l	82
21) trans-1,2-Dichloroethene	5.789	96	17924	20.296	ug/l	85
22) Diisopropyl ether	6.677	45	59483	22.374	ug/l #	92
23) Vinyl Acetate	6.606	43	215229	101.942	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	35936	22.284	ug/l	99
25) 2-Butanone	7.489	43	64162	107.841	ug/l	93
26) 2,2-Dichloropropane	7.494	77	32768	21.854	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	22029	21.307	ug/l	88
28) Bromochloromethane	7.818	49	16001	23.129	ug/l #	84
29) Tetrahydrofuran	7.847	42	40254	107.468	ug/l #	83
30) Chloroform	7.965	83	39344	22.997	ug/l	95
31) Cyclohexane	8.259	56	26909	18.391	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	34871	21.953	ug/l	92
36) 1,1-Dichloropropene	8.377	75	24568	20.242	ug/l	99
37) Ethyl Acetate	7.565	43	26997	21.847	ug/l	99
38) Carbon Tetrachloride	8.365	117	30843	21.105	ug/l	98
39) Methylcyclohexane	9.606	83	21834	16.654	ug/l	93
40) Benzene	8.606	78	80279	21.502	ug/l	94

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41) Methacrylonitrile	7.777	41	13444	20.195	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	29955	22.287	ug/l	99
43) Isopropyl Acetate	8.694	43	46461	18.044	ug/l #	95
44) Trichloroethene	9.353	130	18547	19.390	ug/l	98
45) 1,2-Dichloropropane	9.624	63	20010	22.957	ug/l	98
46) Dibromomethane	9.712	93	15290	22.517	ug/l	99
47) Bromodichloromethane	9.888	83	31336	22.334	ug/l	98
48) Methyl methacrylate	9.682	41	19587	20.215	ug/l #	86
49) 1,4-Dioxane	9.700	88	8442	395.148	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	138642	113.173	ug/l	94
52) Toluene	10.635	92	49344	21.158	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	30241	20.922	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	31690	20.713	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	20094	23.430	ug/l	93
56) Ethyl methacrylate	10.877	69	27553	20.651	ug/l	90
57) 1,3-Dichloropropane	11.165	76	33558	22.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	82561	120.590	ug/l	95
59) 2-Hexanone	11.200	43	101943	111.927	ug/l	93
60) Dibromochloromethane	11.359	129	24542	22.468	ug/l	100
61) 1,2-Dibromoethane	11.471	107	20079	22.047	ug/l	100
64) Tetrachloroethene	11.106	164	17880	18.888	ug/l	95
65) Chlorobenzene	11.894	112	55304	20.341	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	21277	22.001	ug/l	99
67) Ethyl Benzene	11.965	91	87684	19.189	ug/l	99
68) m/p-Xylenes	12.071	106	68010	39.422	ug/l	97
69) o-Xylene	12.400	106	32179	19.466	ug/l	95
70) Styrene	12.412	104	55311	20.251	ug/l	97
71) Bromoform	12.576	173	15798	20.772	ug/l #	97
73) Isopropylbenzene	12.700	105	80045	18.782	ug/l	97
74) N-amyl acetate	12.494	43	34971	19.838	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	29155	22.842	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	26476m	26.183	ug/l	
77) Bromobenzene	12.982	156	22160	20.155	ug/l	93
78) n-propylbenzene	13.035	91	95538	19.497	ug/l	99
79) 2-Chlorotoluene	13.123	91	59814	19.158	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	67523	19.601	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	9911	19.277	ug/l	97
82) 4-Chlorotoluene	13.223	91	58475	18.922	ug/l	96
83) tert-Butylbenzene	13.441	119	54841	17.956	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	67909	19.341	ug/l	98
85) sec-Butylbenzene	13.618	105	76016	18.419	ug/l	99
86) p-Isopropyltoluene	13.729	119	61373	17.823	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	39205	19.739	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	38690	18.836	ug/l	99
89) n-Butylbenzene	14.059	91	49474	16.771	ug/l	98
90) Hexachloroethane	14.335	117	14050	19.283	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	38169	19.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5745	19.455	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	17263	16.619	ug/l	99
94) Hexachlorobutadiene	15.500	225	8049	17.479	ug/l	97
95) Naphthalene	15.641	128	55294	15.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	17638	16.514	ug/l	98

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

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