

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084479.D
 Acq On : 24 Oct 2024 11:35
 Operator : JC\MD
 Sample : VN1024WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

Quant Time: Oct 25 01:55:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128651	51.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.340%			
35) Dibromofluoromethane	8.165	113	104211	54.236	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.480%			
50) Toluene-d8	10.565	98	373752	52.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.740%			
62) 4-Bromofluorobenzene	12.847	95	135765	52.716	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	31802	15.856	ug/l	93
3) Chloromethane	2.365	50	40218	17.561	ug/l	96
4) Vinyl Chloride	2.518	62	40961	18.464	ug/l	98
5) Bromomethane	2.965	94	27434	18.749	ug/l	94
6) Chloroethane	3.124	64	26922	16.945	ug/l	100
7) Trichlorofluoromethane	3.506	101	71110	20.585	ug/l	98
8) Diethyl Ether	3.965	74	23728	18.520	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	41212	20.821	ug/l	99
10) Methyl Iodide	4.595	142	45400	17.811	ug/l	95
11) Tert butyl alcohol	5.530	59	36813	88.799	ug/l	100
12) 1,1-Dichloroethene	4.348	96	38865	20.357	ug/l	96
13) Acrolein	4.183	56	49569	104.153	ug/l	100
14) Allyl chloride	5.024	41	59477	17.938	ug/l	98
15) Acrylonitrile	5.718	53	104959	100.258	ug/l	97
16) Acetone	4.430	43	102314	94.732	ug/l	98
17) Carbon Disulfide	4.718	76	110342	18.254	ug/l	98
18) Methyl Acetate	5.024	43	46608	19.799	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	127081	19.721	ug/l	97
20) Methylene Chloride	5.283	84	45071	20.529	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	41499	20.747	ug/l	99
22) Diisopropyl ether	6.671	45	141287	20.600	ug/l	99
23) Vinyl Acetate	6.606	43	509480	100.154	ug/l	100
24) 1,1-Dichloroethane	6.571	63	80048	20.871	ug/l	98
25) 2-Butanone	7.483	43	142203	96.670	ug/l	97
26) 2,2-Dichloropropane	7.488	77	70108	20.273	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	50374	20.841	ug/l	96
28) Bromochloromethane	7.818	49	34824	20.349	ug/l	97
29) Tetrahydrofuran	7.835	42	88216	97.177	ug/l	97
30) Chloroform	7.965	83	84758	21.274	ug/l	95
31) Cyclohexane	8.253	56	69317	18.614	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	74906	20.935	ug/l	95
36) 1,1-Dichloropropene	8.371	75	58306	20.891	ug/l	99
37) Ethyl Acetate	7.559	43	55757	19.473	ug/l	98
38) Carbon Tetrachloride	8.365	117	66299	21.655	ug/l	98
39) Methylcyclohexane	9.600	83	60544	19.491	ug/l	96
40) Benzene	8.606	78	184250	21.189	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31517	20.275	ug/l	97
42) 1,2-Dichloroethane	8.671	62	62032	21.042	ug/l	99
43) Isopropyl Acetate	8.688	43	94127	16.783	ug/l	98
44) Trichloroethene	9.353	130	42520	20.936	ug/l	97
45) 1,2-Dichloropropane	9.618	63	45121	21.935	ug/l	97
46) Dibromomethane	9.706	93	32027	23.071	ug/l	99
47) Bromodichloromethane	9.888	83	67341	21.835	ug/l #	97
48) Methyl methacrylate	9.682	41	42503	19.038	ug/l	98
49) 1,4-Dioxane	9.694	88	16254	395.463	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	281274	103.192	ug/l	100
52) Toluene	10.629	92	115043	21.695	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	64918	20.649	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	71414	21.119	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	43045	22.644	ug/l	98
56) Ethyl methacrylate	10.871	69	64498	20.620	ug/l	95
57) 1,3-Dichloropropane	11.159	76	71940	21.179	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	117144	80.732	ug/l	97
59) 2-Hexanone	11.194	43	208150	102.172	ug/l	100
60) Dibromochloromethane	11.359	129	49419	22.003	ug/l	98
61) 1,2-Dibromoethane	11.471	107	42269	21.399	ug/l	100
64) Tetrachloroethene	11.100	164	39005	21.441	ug/l	93
65) Chlorobenzene	11.888	112	119560	20.646	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	42796	21.456	ug/l	98
67) Ethyl Benzene	11.965	91	209476	20.454	ug/l	99
68) m/p-Xylenes	12.071	106	163077	43.048	ug/l	99
69) o-Xylene	12.400	106	75188	20.978	ug/l	99
70) Styrene	12.412	104	131437	21.650	ug/l	97
71) Bromoform	12.576	173	31194	21.242	ug/l #	98
73) Isopropylbenzene	12.694	105	195562	19.831	ug/l	99
74) N-amyl acetate	12.494	43	80931	18.123	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	59376	20.024	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	55636m	21.088	ug/l	
77) Bromobenzene	12.976	156	48936	20.573	ug/l	93
78) n-propylbenzene	13.035	91	234680	20.540	ug/l	99
79) 2-Chlorotoluene	13.123	91	146988	20.161	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	166168	20.657	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20391	18.530	ug/l	99
82) 4-Chlorotoluene	13.217	91	145697	19.852	ug/l	98
83) tert-Butylbenzene	13.435	119	138149	19.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	168587	20.804	ug/l	98
85) sec-Butylbenzene	13.617	105	193789	20.312	ug/l	99
86) p-Isopropyltoluene	13.729	119	163003	20.661	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	88967	19.937	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	88271	19.588	ug/l	99
89) n-Butylbenzene	14.053	91	130774	18.281	ug/l	99
90) Hexachloroethane	14.329	117	30556	19.081	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	84422	19.294	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11010	17.993	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	38627	17.923	ug/l	97
94) Hexachlorobutadiene	15.500	225	19169	17.835	ug/l	99
95) Naphthalene	15.641	128	110250	15.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37732	17.490	ug/l	98

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

