

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084964.D
 Acq On : 20 Nov 2024 13:20
 Operator : JC\MD
 Sample : VN1120WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	102086	46.923	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.840%		
35) Dibromofluoromethane	8.165	113	82888	48.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.600%		
50) Toluene-d8	10.565	98	283802	44.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.780%		
62) 4-Bromofluorobenzene	12.847	95	113847	48.183	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	35618	20.569	ug/l	97
3) Chloromethane	2.359	50	39396	17.764	ug/l	96
4) Vinyl Chloride	2.506	62	35932	19.293	ug/l	94
5) Bromomethane	2.901	94	19858	20.124	ug/l	91
6) Chloroethane	3.071	64	23127	19.201	ug/l	98
7) Trichlorofluoromethane	3.465	101	60800	19.818	ug/l	99
8) Diethyl Ether	3.953	74	23262	21.494	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	34019	19.624	ug/l	98
10) Methyl Iodide	4.577	142	48587	20.971	ug/l	98
11) Tert butyl alcohol	5.542	59	33696	117.336	ug/l	98
12) 1,1-Dichloroethene	4.330	96	32651	19.034	ug/l	94
13) Acrolein	4.171	56	31534	110.120	ug/l	97
14) Allyl chloride	5.012	41	54299	19.519	ug/l	94
15) Acrylonitrile	5.712	53	96254	115.780	ug/l	98
16) Acetone	4.430	43	72399	113.647	ug/l	96
17) Carbon Disulfide	4.700	76	93961	17.787	ug/l	98
18) Methyl Acetate	5.024	43	50778	19.700	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	114824	21.839	ug/l	98
20) Methylene Chloride	5.265	84	38672	20.210	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	33847	19.216	ug/l	95
22) Diisopropyl ether	6.671	45	116859	21.141	ug/l	97
23) Vinyl Acetate	6.600	43	432838	113.548	ug/l	98
24) 1,1-Dichloroethane	6.559	63	65568	19.757	ug/l	97
25) 2-Butanone	7.483	43	124217	122.382	ug/l	97
26) 2,2-Dichloropropane	7.483	77	58388	20.214	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	41367	20.114	ug/l	97
28) Bromochloromethane	7.806	49	28846	21.817	ug/l	90
29) Tetrahydrofuran	7.841	42	81330	120.782	ug/l	96
30) Chloroform	7.965	83	69698	20.634	ug/l	93
31) Cyclohexane	8.247	56	56449	18.794	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	61504	20.005	ug/l	97
36) 1,1-Dichloropropene	8.365	75	45714	19.205	ug/l	98
37) Ethyl Acetate	7.559	43	48545	22.479	ug/l	95
38) Carbon Tetrachloride	8.359	117	55251	20.767	ug/l	95
39) Methylcyclohexane	9.600	83	49871	20.595	ug/l	97
40) Benzene	8.600	78	151055	19.761	ug/l	97

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41) Methacrylonitrile	7.777	41	28047	24.151	ug/l	98
42) 1,2-Dichloroethane	8.665	62	52979	21.400	ug/l	99
43) Isopropyl Acetate	8.688	43	89614	21.919	ug/l	99
44) Trichloroethene	9.347	130	34468	19.552	ug/l	97
45) 1,2-Dichloropropane	9.618	63	37090	20.684	ug/l	98
46) Dibromomethane	9.706	93	26646	21.059	ug/l	96
47) Bromodichloromethane	9.888	83	53986	20.241	ug/l #	99
48) Methyl methacrylate	9.682	41	39511	23.508	ug/l	98
49) 1,4-Dioxane	9.694	88	13647	458.199	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	257532	125.092	ug/l	99
52) Toluene	10.629	92	92522	20.695	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	53494	19.376	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	58965	20.179	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	36801	21.853	ug/l	95
56) Ethyl methacrylate	10.871	69	57695	23.685	ug/l	96
57) 1,3-Dichloropropane	11.159	76	61447	21.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	115920	101.699	ug/l	95
59) 2-Hexanone	11.194	43	190538	127.150	ug/l	99
60) Dibromochloromethane	11.359	129	41243	21.489	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36672	21.265	ug/l	98
64) Tetrachloroethene	11.100	164	30097	19.699	ug/l	93
65) Chlorobenzene	11.888	112	99409	19.345	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35112	19.644	ug/l	98
67) Ethyl Benzene	11.965	91	168037	19.590	ug/l	99
68) m/p-Xylenes	12.071	106	127695	39.323	ug/l	99
69) o-Xylene	12.400	106	62946	20.721	ug/l	99
70) Styrene	12.412	104	106834	20.160	ug/l	99
71) Bromoform	12.582	173	26831	19.950	ug/l #	95
73) Isopropylbenzene	12.694	105	155280	19.290	ug/l	99
74) N-amyl acetate	12.494	43	72549	21.175	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	54852	20.414	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46699m	20.337	ug/l	
77) Bromobenzene	12.976	156	40419	18.677	ug/l	96
78) n-propylbenzene	13.035	91	178621	18.935	ug/l	98
79) 2-Chlorotoluene	13.123	91	117308	19.032	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	132819	19.907	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18261m	18.867	ug/l	
82) 4-Chlorotoluene	13.218	91	119090	18.359	ug/l	98
83) tert-Butylbenzene	13.435	119	112021	20.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138540	20.119	ug/l	98
85) sec-Butylbenzene	13.618	105	149002	19.103	ug/l	100
86) p-Isopropyltoluene	13.729	119	123982	19.382	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	73769	17.467	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72532	18.009	ug/l	99
89) n-Butylbenzene	14.059	91	102739	17.170	ug/l	99
90) Hexachloroethane	14.335	117	25263	17.709	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	73040	17.997	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11216	20.605	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	35527	15.994	ug/l	98
94) Hexachlorobutadiene	15.500	225	16423	16.836	ug/l	96
95) Naphthalene	15.641	128	117662	17.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	35531	16.478	ug/l	100

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

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