

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084740.D
 Acq On : 08 Nov 2024 11:19
 Operator : JC\MD
 Sample : VN1108WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2024
 Supervised By :Mahesh Dadoda 11/11/2024

Quant Time: Nov 08 22:26:59 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	8.218	168	174962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116684	46.174	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.340%		
35) Dibromofluoromethane	8.165	113	93853	47.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.240%		
50) Toluene-d8	10.565	98	341782	47.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.847	95	137305	50.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34767	17.286	ug/l	93
3) Chloromethane	2.359	50	37956	14.282	ug/l	93
4) Vinyl Chloride	2.512	62	34968	16.164	ug/l	97
5) Bromomethane	2.901	94	19469	16.986	ug/l	95
6) Chloroethane	3.065	64	23715	16.783	ug/l	93
7) Trichlorofluoromethane	3.465	101	63402	17.792	ug/l	99
8) Diethyl Ether	3.948	74	22022	17.518	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	36193	17.974	ug/l	96
10) Methyl Iodide	4.577	142	47599	17.687	ug/l	95
11) Tert butyl alcohol	5.530	59	36995	110.909	ug/l	96
12) 1,1-Dichloroethene	4.318	96	33369	16.748	ug/l	98
13) Acrolein	4.177	56	25953	78.026	ug/l	99
14) Allyl chloride	5.012	41	55430	17.154	ug/l	93
15) Acrylonitrile	5.712	53	99106	102.632	ug/l	98
16) Acetone	4.430	43	82332	111.205	ug/l	96
17) Carbon Disulfide	4.695	76	92605	15.092	ug/l	100
18) Methyl Acetate	5.024	43	49919	16.007	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	115190	18.862	ug/l	100
20) Methylene Chloride	5.259	84	39511	17.777	ug/l #	83
21) trans-1,2-Dichloroethene	5.777	96	34277	16.754	ug/l	98
22) Diisopropyl ether	6.665	45	118560	18.466	ug/l	96
23) Vinyl Acetate	6.600	43	425627	96.129	ug/l	98
24) 1,1-Dichloroethane	6.559	63	68939	17.884	ug/l	97
25) 2-Butanone	7.483	43	123723	104.944	ug/l	97
26) 2,2-Dichloropropane	7.489	77	62524	18.636	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	43621	18.260	ug/l	95
28) Bromochloromethane	7.812	49	30783	20.044	ug/l	91
29) Tetrahydrofuran	7.836	42	80577	103.022	ug/l	94
30) Chloroform	7.965	83	73867	18.827	ug/l	99
31) Cyclohexane	8.253	56	57060	16.355	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	66952	18.749	ug/l	96
36) 1,1-Dichloropropene	8.365	75	47988	17.555	ug/l	99
37) Ethyl Acetate	7.553	43	51613	20.810	ug/l	97
38) Carbon Tetrachloride	8.359	117	57972	18.973	ug/l	97
39) Methylcyclohexane	9.594	83	51512	18.523	ug/l	98
40) Benzene	8.600	78	155201	17.679	ug/l	95

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41) Methacrylonitrile	7.777	41	27233	20.418	ug/l	94
42) 1,2-Dichloroethane	8.665	62	54291	19.095	ug/l	99
43) Isopropyl Acetate	8.688	43	86390	18.241	ug/l	99
44) Trichloroethene	9.353	130	37093	18.321	ug/l	96
45) 1,2-Dichloropropane	9.618	63	38326	18.610	ug/l	97
46) Dibromomethane	9.706	93	27144	18.679	ug/l	94
47) Bromodichloromethane	9.888	83	56189	18.343	ug/l #	96
48) Methyl methacrylate	9.677	41	37137	19.239	ug/l	92
49) 1,4-Dioxane	9.694	88	14506	424.079	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	255755	108.170	ug/l	98
52) Toluene	10.629	92	96819	18.857	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	57707	18.200	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	61498	18.325	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	37879	19.585	ug/l	98
56) Ethyl methacrylate	10.871	69	58163	20.791	ug/l	96
57) 1,3-Dichloropropane	11.165	76	64044	19.294	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	141306	107.944	ug/l	98
59) 2-Hexanone	11.194	43	188419	109.482	ug/l	96
60) Dibromochloromethane	11.359	129	44133	20.022	ug/l	100
61) 1,2-Dibromoethane	11.465	107	38295	19.336	ug/l	98
64) Tetrachloroethene	11.100	164	31948	18.289	ug/l	94
65) Chlorobenzene	11.888	112	103377	17.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38498	18.839	ug/l	100
67) Ethyl Benzene	11.965	91	178544	18.206	ug/l	100
68) m/p-Xylenes	12.071	106	137179	36.948	ug/l	99
69) o-Xylene	12.394	106	65367	18.820	ug/l	99
70) Styrene	12.412	104	112670	18.596	ug/l	98
71) Bromoform	12.576	173	30386	19.760	ug/l #	95
73) Isopropylbenzene	12.694	105	164923	17.362	ug/l	99
74) N-amyl acetate	12.494	43	71767	17.751	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	57392	18.101	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	53019m	19.567	ug/l	
77) Bromobenzene	12.982	156	43577	17.064	ug/l	93
78) n-propylbenzene	13.035	91	191605	17.213	ug/l	98
79) 2-Chlorotoluene	13.123	91	126696	17.419	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	144609	18.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19561	17.126	ug/l	97
82) 4-Chlorotoluene	13.218	91	124322	16.242	ug/l	98
83) tert-Butylbenzene	13.435	119	122675	18.827	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	145733	17.935	ug/l	99
85) sec-Butylbenzene	13.612	105	163337	17.746	ug/l	99
86) p-Isopropyltoluene	13.729	119	135693	17.976	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	79514	15.955	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78967	16.542	ug/l	99
89) n-Butylbenzene	14.053	91	112075	15.872	ug/l	97
90) Hexachloroethane	14.329	117	28476	16.916	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80587	16.827	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12300	19.149	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	39577	15.099	ug/l	98
94) Hexachlorobutadiene	15.500	225	18430	16.011	ug/l	98
95) Naphthalene	15.641	128	126375	16.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	39105	15.368	ug/l	98

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

