

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083500.D
 Acq On : 27 Aug 2024 11:27
 Operator : JC\MD
 Sample : VN0827WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBS01

Quant Time: Aug 28 01:41:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2024
 Supervised By :Mahesh Dadoda 08/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	136852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118961	61.070	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.140%			
35) Dibromofluoromethane	8.165	113	85546	58.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.740%			
50) Toluene-d8	10.565	98	304996	56.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.540%			
62) 4-Bromofluorobenzene	12.847	95	126800	60.008	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 120.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29442	18.971	ug/l	99
3) Chloromethane	2.365	50	33096	20.830	ug/l	95
4) Vinyl Chloride	2.512	62	35240	21.736	ug/l	99
5) Bromomethane	2.900	94	19621	19.504	ug/l	91
6) Chloroethane	3.071	64	24429	24.085	ug/l	94
7) Trichlorofluoromethane	3.465	101	63852	23.841	ug/l	95
8) Diethyl Ether	3.953	74	23111	23.190	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.353	101	35000	23.703	ug/l	98
10) Methyl Iodide	4.577	142	43790	22.544	ug/l	97
11) Tert butyl alcohol	5.536	59	36450	90.041	ug/l	97
12) 1,1-Dichloroethene	4.330	96	31796	20.959	ug/l	93
13) Acrolein	4.171	56	24408	92.512	ug/l	94
14) Allyl chloride	5.012	41	61465	21.440	ug/l	89
15) Acrylonitrile	5.724	53	91881	110.359	ug/l	99
16) Acetone	4.430	43	92006	120.708	ug/l	98
17) Carbon Disulfide	4.694	76	81993	18.472	ug/l	98
18) Methyl Acetate	5.030	43	54300	23.910	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	125953	23.002	ug/l	97
20) Methylene Chloride	5.271	84	37463	21.356	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	33620	21.442	ug/l	87
22) Diisopropyl ether	6.671	45	128465	23.839	ug/l #	96
23) Vinyl Acetate	6.600	43	651746	117.996	ug/l	96
24) 1,1-Dichloroethane	6.565	63	70937	24.151	ug/l	100
25) 2-Butanone	7.483	43	129559	110.700	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	66795	24.487	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	43338	22.906	ug/l	93
28) Bromochloromethane	7.812	49	28271	23.552	ug/l	89
29) Tetrahydrofuran	7.835	42	80670	106.627	ug/l	89
30) Chloroform	7.965	83	76263	24.991	ug/l	98
31) Cyclohexane	8.259	56	62979	21.817	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69295	23.990	ug/l	94
36) 1,1-Dichloropropene	8.371	75	50322	22.894	ug/l	99
37) Ethyl Acetate	7.559	43	52128	21.181	ug/l #	95
38) Carbon Tetrachloride	8.359	117	58283	23.542	ug/l	97
39) Methylcyclohexane	9.600	83	61513	22.785	ug/l	94
40) Benzene	8.606	78	154593	23.609	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30072	21.491	ug/l	96
42) 1,2-Dichloroethane	8.671	62	60347	25.300	ug/l	99
43) Isopropyl Acetate	8.688	43	91085	19.955	ug/l #	93
44) Trichloroethene	9.353	130	35298	22.648	ug/l	98
45) 1,2-Dichloropropane	9.618	63	37528	24.145	ug/l	98
46) Dibromomethane	9.712	93	27875	25.056	ug/l	99
47) Bromodichloromethane	9.888	83	59048	23.638	ug/l	97
48) Methyl methacrylate	9.682	41	44379	21.812	ug/l	94
49) 1,4-Dioxane	9.694	88	14768	402.320	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	260698	112.020	ug/l	95
52) Toluene	10.629	92	98901	23.905	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59133	23.045	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	63423	23.238	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	36248	24.448	ug/l	92
56) Ethyl methacrylate	10.876	69	60395	21.608	ug/l	91
57) 1,3-Dichloropropane	11.165	76	64884	24.552	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	104899	88.786	ug/l	98
59) 2-Hexanone	11.194	43	195972	108.846	ug/l	94
60) Dibromochloromethane	11.359	129	41741	23.285	ug/l	100
61) 1,2-Dibromoethane	11.470	107	35750	22.953	ug/l	98
64) Tetrachloroethene	11.100	164	29472	21.585	ug/l	94
65) Chlorobenzene	11.894	112	102300	22.454	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	36776	22.888	ug/l	100
67) Ethyl Benzene	11.965	91	188859	22.597	ug/l	98
68) m/p-Xylenes	12.070	106	138581	44.264	ug/l	96
69) o-Xylene	12.400	106	68450	22.168	ug/l	98
70) Styrene	12.412	104	113790	21.942	ug/l	97
71) Bromoform	12.576	173	26397	21.686	ug/l #	96
73) Isopropylbenzene	12.694	105	177799	19.852	ug/l	99
74) N-amyl acetate	12.494	43	81069	18.505	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	53343	21.058	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	49893m	21.230	ug/l	
77) Bromobenzene	12.982	156	40961	20.588	ug/l	96
78) n-propylbenzene	13.035	91	205671	19.943	ug/l	100
79) 2-Chlorotoluene	13.123	91	133467	20.413	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	151295	20.177	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	17647	16.334	ug/l	98
82) 4-Chlorotoluene	13.223	91	132537	20.208	ug/l	97
83) tert-Butylbenzene	13.435	119	132551	19.961	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	154258	20.414	ug/l	100
85) sec-Butylbenzene	13.617	105	181111	19.988	ug/l	98
86) p-Isopropyltoluene	13.729	119	150240	20.082	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	78196	20.887	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	78616	20.830	ug/l	97
89) n-Butylbenzene	14.059	91	127947	19.737	ug/l	99
90) Hexachloroethane	14.335	117	28960	20.036	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	80351	22.180	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11961	19.458	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	39606	19.514	ug/l	98
94) Hexachlorobutadiene	15.506	225	17780	19.698	ug/l	99
95) Naphthalene	15.641	128	131502	18.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39871	19.854	ug/l	99

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

