

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083521.D
 Acq On : 27 Aug 2024 19:56
 Operator : JC\MD
 Sample : VN0827WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBS03

Quant Time: Aug 28 01:52:55 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	127156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	227748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114071	63.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.060%#			
35) Dibromofluoromethane	8.165	113	81905	57.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.240%			
50) Toluene-d8	10.565	98	292305	55.123	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.240%			
62) 4-Bromofluorobenzene	12.847	95	121089	58.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	23259	16.130	ug/l	93
3) Chloromethane	2.359	50	29059	19.684	ug/l	98
4) Vinyl Chloride	2.512	62	30152	20.016	ug/l	96
5) Bromomethane	2.901	94	15120	16.176	ug/l	92
6) Chloroethane	3.053	64	20782	22.051	ug/l	96
7) Trichlorofluoromethane	3.453	101	54972	22.090	ug/l	87
8) Diethyl Ether	3.953	74	20120	21.728	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.353	101	29414	21.439	ug/l	99
10) Methyl Iodide	4.571	142	38074	21.096	ug/l	# 89
11) Tert butyl alcohol	5.547	59	38309	101.849	ug/l	97
12) 1,1-Dichloroethene	4.324	96	28646	20.323	ug/l	84
13) Acrolein	4.171	56	26618	108.581	ug/l	98
14) Allyl chloride	5.006	41	52767	19.810	ug/l	90
15) Acrylonitrile	5.724	53	86171	111.393	ug/l	99
16) Acetone	4.436	43	72537	102.422	ug/l	99
17) Carbon Disulfide	4.689	76	69279	16.797	ug/l	97
18) Methyl Acetate	5.018	43	55756	26.424	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	112036	22.021	ug/l	98
20) Methylene Chloride	5.265	84	33947	20.827	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	29318	20.124	ug/l	85
22) Diisopropyl ether	6.671	45	107986	21.567	ug/l	# 95
23) Vinyl Acetate	6.600	43	583212	113.640	ug/l	97
24) 1,1-Dichloroethane	6.565	63	61166	22.412	ug/l	97
25) 2-Butanone	7.483	43	117370	107.932	ug/l	# 88
26) 2,2-Dichloropropane	7.488	77	40277	15.891	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	37301	21.218	ug/l	92
28) Bromochloromethane	7.812	49	28436	25.496	ug/l	92
29) Tetrahydrofuran	7.841	42	78319	111.413	ug/l	# 88
30) Chloroform	7.965	83	65164	22.982	ug/l	97
31) Cyclohexane	8.247	56	53099	19.797	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	61340	22.855	ug/l	94
36) 1,1-Dichloropropene	8.371	75	42368	19.702	ug/l	98
37) Ethyl Acetate	7.565	43	50910	21.144	ug/l	# 94
38) Carbon Tetrachloride	8.359	117	49781	20.553	ug/l	97
39) Methylcyclohexane	9.600	83	49644	18.796	ug/l	97
40) Benzene	8.606	78	138235	21.578	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27391	20.008	ug/l	93
42) 1,2-Dichloroethane	8.671	62	52866	22.654	ug/l	100
43) Isopropyl Acetate	8.688	43	239249	57.867	ug/l #	77
44) Trichloroethene	9.353	130	30839	20.225	ug/l	94
45) 1,2-Dichloropropane	9.618	63	33851	22.261	ug/l	98
46) Dibromomethane	9.706	93	24815	22.799	ug/l	98
47) Bromodichloromethane	9.888	83	52863	21.630	ug/l	99
48) Methyl methacrylate	9.682	41	41618	20.907	ug/l	93
49) 1,4-Dioxane	9.700	88	15178	422.640	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	250327	109.944	ug/l	94
52) Toluene	10.629	92	86782	21.440	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	50357	20.059	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	52919	19.819	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	33146	22.851	ug/l	93
56) Ethyl methacrylate	10.876	69	56623	20.706	ug/l	89
57) 1,3-Dichloropropane	11.165	76	57157	22.107	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	122169	105.692	ug/l	97
59) 2-Hexanone	11.194	43	192015	109.009	ug/l	95
60) Dibromochloromethane	11.359	129	37866	21.591	ug/l	98
61) 1,2-Dibromoethane	11.471	107	32498	21.327	ug/l	100
64) Tetrachloroethene	11.106	164	26888	19.905	ug/l	97
65) Chlorobenzene	11.894	112	87627	19.441	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	33308	20.953	ug/l	99
67) Ethyl Benzene	11.965	91	160525	19.414	ug/l	99
68) m/p-Xylenes	12.071	106	118391	38.223	ug/l	97
69) o-Xylene	12.400	106	59882	19.602	ug/l	100
70) Styrene	12.412	104	98524	19.203	ug/l	99
71) Bromoform	12.582	173	24228	20.118	ug/l #	97
73) Isopropylbenzene	12.694	105	152893	17.269	ug/l	100
74) N-amyl acetate	12.494	43	76584	17.684	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	50283	20.081	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	45687m	19.666	ug/l	
77) Bromobenzene	12.982	156	34653	17.620	ug/l	95
78) n-propylbenzene	13.035	91	170498	16.724	ug/l	100
79) 2-Chlorotoluene	13.129	91	111809	17.299	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	128698	17.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15888	14.877	ug/l	96
82) 4-Chlorotoluene	13.223	91	105420	16.261	ug/l	98
83) tert-Butylbenzene	13.441	119	115492	17.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	128800	17.243	ug/l	99
85) sec-Butylbenzene	13.617	105	148676	16.599	ug/l	100
86) p-Isopropyltoluene	13.729	119	123807	16.741	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	62645	16.928	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63117	16.918	ug/l	97
89) n-Butylbenzene	14.059	91	98843	15.425	ug/l	98
90) Hexachloroethane	14.335	117	25842	18.087	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	67354	18.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11556	19.018	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	32709	16.303	ug/l	97
94) Hexachlorobutadiene	15.500	225	14651	16.420	ug/l	97
95) Naphthalene	15.641	128	115314	16.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32343	16.292	ug/l	96

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

