

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083249.D
 Acq On : 13 Aug 2024 11:40
 Operator : JC\MD
 Sample : VN0813WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Quant Time: Aug 14 01:39:38 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 :Mahesh Dadoda 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123513	48.653	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.300%		
35) Dibromofluoromethane	8.165	113	90577	47.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.565	98	333102	46.686	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.380%		
62) 4-Bromofluorobenzene	12.847	95	126499	45.477	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34552	17.083	ug/l	96
3) Chloromethane	2.365	50	35497	17.143	ug/l	99
4) Vinyl Chloride	2.518	62	38233	18.095	ug/l	93
5) Bromomethane	2.965	94	23818	18.167	ug/l	88
6) Chloroethane	3.118	64	23914	18.091	ug/l	97
7) Trichlorofluoromethane	3.500	101	64104	18.366	ug/l	94
8) Diethyl Ether	3.959	74	22382	17.232	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	35670	18.536	ug/l	96
10) Methyl Iodide	4.589	142	42091	16.627	ug/l	94
11) Tert butyl alcohol	5.530	59	42081	79.762	ug/l	98
12) 1,1-Dichloroethene	4.347	96	33641	17.015	ug/l	89
13) Acrolein	4.177	56	25085	72.954	ug/l	97
14) Allyl chloride	5.024	41	56861	15.219	ug/l	94
15) Acrylonitrile	5.724	53	92469	85.222	ug/l	99
16) Acetone	4.430	43	89359	89.956	ug/l	93
17) Carbon Disulfide	4.712	76	87555	15.135	ug/l	98
18) Methyl Acetate	5.030	43	51588	17.430	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	124113	17.392	ug/l	100
20) Methylene Chloride	5.271	84	38601	16.884	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	33823	16.552	ug/l	94
22) Diisopropyl ether	6.671	45	125303	17.842	ug/l #	97
23) Vinyl Acetate	6.606	43	630546m	87.595	ug/l	
24) 1,1-Dichloroethane	6.571	63	69612	18.185	ug/l	99
25) 2-Butanone	7.482	43	130080	85.282	ug/l	94
26) 2,2-Dichloropropane	7.488	77	64854	18.243	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	42656	17.299	ug/l	95
28) Bromochloromethane	7.818	49	33565	21.456	ug/l	86
29) Tetrahydrofuran	7.841	42	83720	84.909	ug/l #	88
30) Chloroform	7.965	83	74889	18.831	ug/l	99
31) Cyclohexane	8.253	56	63769	16.950	ug/l #	94
32) 1,1,1-Trichloroethane	8.171	97	67426	17.911	ug/l	95
36) 1,1-Dichloropropene	8.371	75	50157	17.335	ug/l	99
37) Ethyl Acetate	7.559	43	53843	16.620	ug/l	95
38) Carbon Tetrachloride	8.365	117	58607	17.983	ug/l	98
39) Methylcyclohexane	9.600	83	60060	16.900	ug/l	89
40) Benzene	8.612	78	153249	17.779	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	29010	15.749	ug/l	93
42) 1,2-Dichloroethane	8.671	62	59075	18.814	ug/l	100
43) Isopropyl Acetate	8.688	43	100348	16.396	ug/l #	96
44) Trichloroethene	9.353	130	36205	17.647	ug/l	95
45) 1,2-Dichloropropane	9.624	63	36725	17.949	ug/l	93
46) Dibromomethane	9.706	93	27355	18.679	ug/l	98
47) Bromodichloromethane	9.888	83	59270	18.024	ug/l #	95
48) Methyl methacrylate	9.682	41	44491	16.611	ug/l	92
49) 1,4-Dioxane	9.694	88	17077	353.407	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	273004	89.113	ug/l	94
52) Toluene	10.629	92	96659	17.748	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60769	17.991	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	62857	17.495	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	36714	18.811	ug/l	95
56) Ethyl methacrylate	10.876	69	63015	17.126	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	63233	18.176	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	137398	88.342	ug/l	96
59) 2-Hexanone	11.194	43	205980	86.908	ug/l	94
60) Dibromochloromethane	11.359	129	43070	18.252	ug/l	98
61) 1,2-Dibromoethane	11.470	107	36278	17.694	ug/l	98
64) Tetrachloroethene	11.100	164	31390	17.967	ug/l	93
65) Chlorobenzene	11.894	112	104015	17.843	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	38021	18.493	ug/l	97
67) Ethyl Benzene	11.965	91	191707	17.926	ug/l	99
68) m/p-Xylenes	12.070	106	143098	35.721	ug/l	98
69) o-Xylene	12.394	106	70244	17.779	ug/l	99
70) Styrene	12.412	104	119061	17.942	ug/l	99
71) Bromoform	12.576	173	27203	17.465	ug/l #	98
73) Isopropylbenzene	12.694	105	181922	18.070	ug/l	99
74) N-amyl acetate	12.494	43	82687	16.791	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	51020	17.918	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	47260m	17.890	ug/l	
77) Bromobenzene	12.982	156	41629	18.614	ug/l	99
78) n-propylbenzene	13.035	91	208423	17.979	ug/l	99
79) 2-Chlorotoluene	13.123	91	132299	18.001	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	152708	18.118	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	18538	15.265	ug/l	92
82) 4-Chlorotoluene	13.223	91	131924	17.895	ug/l	98
83) tert-Butylbenzene	13.435	119	133777	17.922	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	152254	17.925	ug/l	99
85) sec-Butylbenzene	13.617	105	182028	17.872	ug/l	99
86) p-Isopropyltoluene	13.729	119	151886	18.061	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	72557	17.242	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	75711	17.846	ug/l	96
89) n-Butylbenzene	14.053	91	127777	17.535	ug/l	98
90) Hexachloroethane	14.335	117	27265	16.782	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	71959	17.671	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11595	16.781	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38146	16.721	ug/l	98
94) Hexachlorobutadiene	15.500	225	15988	15.758	ug/l	99
95) Naphthalene	15.641	128	133767	16.553	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37313	16.529	ug/l	96

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

