

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081512.D
 Acq On : 21 Mar 2024 12:05
 Operator : JC\MD
 Sample : VN0321WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBS01

Quant Time: Mar 22 05:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
 Supervised By :Semsettin Yesilyurt 03/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	473279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	810582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	705737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	319592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	285583	47.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.640%		
35) Dibromofluoromethane	8.165	113	256878	50.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.420%		
50) Toluene-d8	10.565	98	913618	49.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.847	95	314248	48.227	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	100276	15.735	ug/l	95
3) Chloromethane	2.359	50	96135	15.151	ug/l	93
4) Vinyl Chloride	2.518	62	106512	14.958	ug/l	93
5) Bromomethane	2.965	94	82514	16.385	ug/l	97
6) Chloroethane	3.130	64	73714	15.077	ug/l	98
7) Trichlorofluoromethane	3.500	101	187697	17.687	ug/l	97
8) Diethyl Ether	3.959	74	64925	18.486	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	103538	17.171	ug/l #	89
10) Methyl Iodide	4.583	142	99421	16.557	ug/l #	86
11) Tert butyl alcohol	5.506	59	78133	74.285	ug/l	100
12) 1,1-Dichloroethene	4.342	96	102423	18.337	ug/l	81
13) Acrolein	4.177	56	124932	132.370	ug/l	98
14) Allyl chloride	5.018	41	131607	18.804	ug/l #	90
15) Acrylonitrile	5.718	53	225085	79.992	ug/l	98
16) Acetone	4.424	43	149758	76.777	ug/l	99
17) Carbon Disulfide	4.712	76	260632	16.261	ug/l	99
18) Methyl Acetate	5.018	43	97832	16.269	ug/l #	82
19) Methyl tert-butyl Ether	5.789	73	318314	18.210	ug/l	96
20) Methylene Chloride	5.283	84	114416	17.907	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	109560	17.592	ug/l	89
22) Diisopropyl ether	6.665	45	309338	19.022	ug/l #	92
23) Vinyl Acetate	6.600	43	1143466	88.337	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	191032	17.539	ug/l	93
25) 2-Butanone	7.483	43	267523	79.963	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	177246	18.762	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	129728	18.411	ug/l	84
28) Bromochloromethane	7.812	49	74688	16.835	ug/l #	49
29) Tetrahydrofuran	7.835	42	177204	78.624	ug/l #	78
30) Chloroform	7.965	83	211232	18.115	ug/l	98
31) Cyclohexane	8.253	56	170877	17.398	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	187794	17.752	ug/l #	90
36) 1,1-Dichloropropene	8.371	75	154424	17.938	ug/l	95
37) Ethyl Acetate	7.559	43	112224	15.223	ug/l	94
38) Carbon Tetrachloride	8.359	117	167831	17.796	ug/l	98
39) Methylcyclohexane	9.600	83	178673	18.585	ug/l	87
40) Benzene	8.606	78	455664	18.104	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62378	16.000	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	154839	17.481	ug/l	94
43) Isopropyl Acetate	8.682	43	197115	16.131	ug/l #	90
44) Trichloroethene	9.353	130	123983	17.515	ug/l	98
45) 1,2-Dichloropropane	9.618	63	110832	18.170	ug/l	98
46) Dibromomethane	9.712	93	81212	17.532	ug/l #	85
47) Bromodichloromethane	9.882	83	162659	17.960	ug/l #	99
48) Methyl methacrylate	9.677	41	94293	16.730	ug/l #	84
49) 1,4-Dioxane	9.694	88	41746	308.211	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	595786	79.903	ug/l	90
52) Toluene	10.629	92	290869	18.183	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	172432	17.632	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	185332	17.675	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	112940	17.543	ug/l	89
56) Ethyl methacrylate	10.871	69	154765	17.660	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	191651	18.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	390840	96.482	ug/l #	84
59) 2-Hexanone	11.194	43	432813	78.511	ug/l	90
60) Dibromochloromethane	11.359	129	124623	17.602	ug/l	99
61) 1,2-Dibromoethane	11.471	107	115896	17.657	ug/l	99
64) Tetrachloroethene	11.100	164	127429	18.890	ug/l	89
65) Chlorobenzene	11.894	112	310905	18.635	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	113657	18.381	ug/l	97
67) Ethyl Benzene	11.965	91	546669	18.863	ug/l	95
68) m/p-Xylenes	12.070	106	423269	38.959	ug/l	94
69) o-Xylene	12.394	106	205093	19.229	ug/l	92
70) Styrene	12.412	104	330095	19.189	ug/l	95
71) Bromoform	12.576	173	81355	17.509	ug/l #	96
73) Isopropylbenzene	12.694	105	528405	19.396	ug/l	97
74) N-amyl acetate	12.494	43	174841	17.735	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	136095	16.991	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	138850m	18.163	ug/l	
77) Bromobenzene	12.976	156	125626	18.668	ug/l	70
78) n-propylbenzene	13.035	91	624153	19.401	ug/l	95
79) 2-Chlorotoluene	13.123	91	365044	18.958	ug/l	90
80) 1,3,5-Trimethylbenzene	13.170	105	449305	19.968	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.735	75	56497	19.971	ug/l	96
82) 4-Chlorotoluene	13.217	91	368811	19.428	ug/l	94
83) tert-Butylbenzene	13.441	119	382608	19.719	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	443886	19.628	ug/l	93
85) sec-Butylbenzene	13.617	105	537043	19.361	ug/l	93
86) p-Isopropyltoluene	13.729	119	448582	19.784	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	233895	18.917	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	233226	18.217	ug/l	98
89) n-Butylbenzene	14.053	91	385195	19.158	ug/l	95
90) Hexachloroethane	14.335	117	74932	17.450	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	227207	19.092	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27942	16.392	ug/l	72
93) 1,2,4-Trichlorobenzene	15.388	180	124980	18.163	ug/l	98
94) Hexachlorobutadiene	15.500	225	51367	17.014	ug/l	100
95) Naphthalene	15.641	128	388569	17.427	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	125287	18.101	ug/l	99

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

