

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081513.D
 Acq On : 21 Mar 2024 12:39
 Operator : JC\MD
 Sample : VN0321WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Quant Time: Mar 22 05:04:01 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	8.223	168	419917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	711916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	643294	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	311395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	263477	49.201	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.400%		
35) Dibromofluoromethane	8.165	113	224721	50.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.040%		
50) Toluene-d8	10.565	98	821438	50.577	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.847	95	287885	50.305	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	97411	17.228	ug/l	97
3) Chloromethane	2.359	50	90152	16.014	ug/l	92
4) Vinyl Chloride	2.518	62	100450	15.899	ug/l	95
5) Bromomethane	2.971	94	75969	17.003	ug/l	93
6) Chloroethane	3.124	64	72652	16.748	ug/l	99
7) Trichlorofluoromethane	3.506	101	172885	18.361	ug/l	96
8) Diethyl Ether	3.959	74	61998	19.896	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	101066	18.890	ug/l	# 88
10) Methyl Iodide	4.594	142	98195	18.430	ug/l	92
11) Tert butyl alcohol	5.506	59	74366	79.688	ug/l	95
12) 1,1-Dichloroethene	4.341	96	93459	18.859	ug/l	85
13) Acrolein	4.177	56	118886	141.971	ug/l	98
14) Allyl chloride	5.024	41	115910	18.666	ug/l	# 85
15) Acrylonitrile	5.712	53	214886	86.072	ug/l	99
16) Acetone	4.424	43	143135	82.707	ug/l	94
17) Carbon Disulfide	4.712	76	241701	16.996	ug/l	# 95
18) Methyl Acetate	5.024	43	101072	18.943	ug/l	# 88
19) Methyl tert-butyl Ether	5.788	73	313719	20.228	ug/l	99
20) Methylene Chloride	5.277	84	105489	18.608	ug/l	# 81
21) trans-1,2-Dichloroethene	5.794	96	100057	18.108	ug/l	86
22) Diisopropyl ether	6.665	45	295346	20.469	ug/l	# 92
23) Vinyl Acetate	6.600	43	1092509	95.126	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	181138	18.744	ug/l	95
25) 2-Butanone	7.476	43	251814	84.832	ug/l	# 88
26) 2,2-Dichloropropane	7.482	77	164130	19.581	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	122136	19.536	ug/l	83
28) Bromochloromethane	7.812	49	72527	18.425	ug/l	# 26
29) Tetrahydrofuran	7.835	42	172256	86.141	ug/l	# 79
30) Chloroform	7.965	83	201791	19.505	ug/l	96
31) Cyclohexane	8.259	56	163147	18.722	ug/l	# 72
32) 1,1,1-Trichloroethane	8.171	97	175499	18.698	ug/l	89
36) 1,1-Dichloropropene	8.371	75	144777	19.148	ug/l	95
37) Ethyl Acetate	7.565	43	110826	17.117	ug/l	96
38) Carbon Tetrachloride	8.365	117	156216	18.860	ug/l	98
39) Methylcyclohexane	9.600	83	167003	19.778	ug/l	87
40) Benzene	8.606	78	429641	19.436	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	58696	17.143	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	149024	19.156	ug/l	96
43) Isopropyl Acetate	8.688	43	191241	17.819	ug/l #	90
44) Trichloroethene	9.353	130	120671	19.409	ug/l	94
45) 1,2-Dichloropropane	9.617	63	105371	19.669	ug/l	99
46) Dibromomethane	9.706	93	77491	19.047	ug/l #	86
47) Bromodichloromethane	9.888	83	156833	19.716	ug/l #	95
48) Methyl methacrylate	9.676	41	93088	18.805	ug/l	89
49) 1,4-Dioxane	9.694	88	37806	317.807	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	559334	85.411	ug/l	91
52) Toluene	10.629	92	275445	19.605	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	163928	19.085	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	180747	19.627	ug/l	88
55) 1,1,2-Trichloroethane	11.017	97	109712	19.403	ug/l	91
56) Ethyl methacrylate	10.870	69	146839	18.979	ug/l #	84
57) 1,3-Dichloropropane	11.164	76	181968	19.631	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	377494	106.102	ug/l #	85
59) 2-Hexanone	11.194	43	405432	83.737	ug/l	89
60) Dibromochloromethane	11.359	129	117399	18.879	ug/l	100
61) 1,2-Dibromoethane	11.470	107	107837	18.707	ug/l	95
64) Tetrachloroethene	11.106	164	121344	19.734	ug/l	88
65) Chlorobenzene	11.894	112	290903	19.129	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	110633	19.629	ug/l	98
67) Ethyl Benzene	11.964	91	515119	19.500	ug/l	95
68) m/p-Xylenes	12.070	106	400382	40.430	ug/l	94
69) o-Xylene	12.400	106	194355	19.991	ug/l	94
70) Styrene	12.411	104	313507	19.994	ug/l	96
71) Bromoform	12.576	173	77118	18.208	ug/l #	95
73) Isopropylbenzene	12.694	105	505224	19.034	ug/l	97
74) N-amyl acetate	12.494	43	163397	17.010	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	133161	17.063	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	118054m	15.849	ug/l	
77) Bromobenzene	12.982	156	121575	18.541	ug/l	68
78) n-propylbenzene	13.035	91	590202	18.828	ug/l	94
79) 2-Chlorotoluene	13.123	91	354325	18.886	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	425568	19.411	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	47059	17.073	ug/l	87
82) 4-Chlorotoluene	13.223	91	353557	19.114	ug/l	93
83) tert-Butylbenzene	13.441	119	364854	19.299	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	424513	19.266	ug/l	93
85) sec-Butylbenzene	13.617	105	514942	19.053	ug/l	93
86) p-Isopropyltoluene	13.729	119	431922	19.551	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	225750	18.739	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	229243	18.377	ug/l	97
89) n-Butylbenzene	14.058	91	365776	18.672	ug/l	97
90) Hexachloroethane	14.335	117	73484	17.563	ug/l	89
91) 1,2-Dichlorobenzene	14.105	146	220863	19.048	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27266	16.417	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	125591	18.732	ug/l	98
94) Hexachlorobutadiene	15.499	225	54599	18.560	ug/l	94
95) Naphthalene	15.641	128	379451	17.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	122536	18.170	ug/l	98

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

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