

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078644.D
 Acq On : 25 Jul 2023 13:59
 Operator : JC\MD
 Sample : VN0725WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

Quant Time: Jul 26 04:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	455553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	759745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	678864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	268157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257982	42.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.480%		
35) Dibromofluoromethane	8.177	113	232224	45.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.060%		
50) Toluene-d8	10.576	98	805117	41.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	82.640%#		
62) 4-Bromofluorobenzene	12.853	95	258506	43.076	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	100906	18.066	ug/l	94
3) Chloromethane	2.371	50	118995	19.601	ug/l	98
4) Vinyl Chloride	2.518	62	152629	19.435	ug/l	93
5) Bromomethane	2.953	94	104832	17.914	ug/l	97
6) Chloroethane	3.124	64	102054	20.343	ug/l	94
7) Trichlorofluoromethane	3.500	101	163377	17.404	ug/l	96
8) Diethyl Ether	3.965	74	56937	18.204	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.383	101	90562	18.224	ug/l	95
10) Methyl Iodide	4.594	142	121612	17.809	ug/l	99
11) Tert butyl alcohol	5.541	59	83750	88.931	ug/l	# 92
12) 1,1-Dichloroethene	4.347	96	86071	17.906	ug/l	92
13) Acrolein	4.194	56	97685	105.429	ug/l	95
14) Allyl chloride	5.036	41	116283	17.704	ug/l	95
15) Acrylonitrile	5.730	53	222699	93.593	ug/l	98
16) Acetone	4.442	43	168080	88.352	ug/l	93
17) Carbon Disulfide	4.718	76	229013	16.476	ug/l	100
18) Methyl Acetate	5.042	43	141410	17.560	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	287616	18.160	ug/l	98
20) Methylene Chloride	5.283	84	102494	18.000	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	94554	17.456	ug/l	88
22) Diisopropyl ether	6.683	45	262906	17.876	ug/l	# 92
23) Vinyl Acetate	6.618	43	835037	89.308	ug/l	# 88
24) 1,1-Dichloroethane	6.577	63	173628	17.520	ug/l	98
25) 2-Butanone	7.494	43	269403	89.963	ug/l	90
26) 2,2-Dichloropropane	7.500	77	140545	17.339	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	109281	17.439	ug/l	95
28) Bromochloromethane	7.824	49	86779	18.591	ug/l	98
29) Tetrahydrofuran	7.847	42	170036	86.534	ug/l	89
30) Chloroform	7.971	83	183089	17.745	ug/l	95
31) Cyclohexane	8.259	56	139131	16.857	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	167448	18.101	ug/l	97
36) 1,1-Dichloropropene	8.377	75	131452	17.652	ug/l	99
37) Ethyl Acetate	7.571	43	112074	18.054	ug/l	94
38) Carbon Tetrachloride	8.371	117	149021	18.412	ug/l	98
39) Methylcyclohexane	9.612	83	123280	18.136	ug/l	91
40) Benzene	8.612	78	402471	18.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	60534	19.128	ug/l	93
42) 1,2-Dichloroethane	8.677	62	144143	19.209	ug/l	99
43) Isopropyl Acetate	8.700	43	194780	19.058	ug/l	96
44) Trichloroethene	9.359	130	110875	18.647	ug/l	93
45) 1,2-Dichloropropane	9.629	63	102603	18.362	ug/l	99
46) Dibromomethane	9.718	93	73769	18.758	ug/l #	87
47) Bromodichloromethane	9.894	83	150299	19.065	ug/l	98
48) Methyl methacrylate	9.688	41	84471	17.840	ug/l	91
49) 1,4-Dioxane	9.700	88	42728	413.787	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	575445	94.659	ug/l	93
52) Toluene	10.635	92	257211	18.811	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	151997	18.820	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	164274	19.082	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	108622	20.163	ug/l	95
56) Ethyl methacrylate	10.882	69	141153	18.744	ug/l	92
57) 1,3-Dichloropropane	11.171	76	172466	18.828	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.171	63	268110	99.901	ug/l	95
59) 2-Hexanone	11.200	43	401687	92.972	ug/l	93
60) Dibromochloromethane	11.365	129	117420	19.743	ug/l	96
61) 1,2-Dibromoethane	11.476	107	106897	19.262	ug/l	99
64) Tetrachloroethene	11.112	164	94772	18.569	ug/l	97
65) Chlorobenzene	11.894	112	273279	18.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	104685	17.933	ug/l	99
67) Ethyl Benzene	11.970	91	459466	17.913	ug/l	99
68) m/p-Xylenes	12.076	106	348450	36.743	ug/l	96
69) o-Xylene	12.406	106	171812	17.937	ug/l	95
70) Styrene	12.418	104	273761	18.268	ug/l	98
71) Bromoform	12.582	173	73694	18.640	ug/l #	99
73) Isopropylbenzene	12.700	105	427207	16.955	ug/l	100
74) N-amyl acetate	12.500	43	145044	16.704	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	147321	19.014	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	118138m	18.226	ug/l	
77) Bromobenzene	12.988	156	105351	18.245	ug/l	93
78) n-propylbenzene	13.041	91	467396	17.345	ug/l	100
79) 2-Chlorotoluene	13.129	91	297434	16.851	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	343325	17.245	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	38336	15.542	ug/l	92
82) 4-Chlorotoluene	13.229	91	276589	16.798	ug/l	97
83) tert-Butylbenzene	13.441	119	289401	17.121	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	335824	17.366	ug/l	97
85) sec-Butylbenzene	13.623	105	367597	17.206	ug/l	99
86) p-Isopropyltoluene	13.735	119	295988	17.253	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	171996	17.781	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	167271	17.168	ug/l	98
89) n-Butylbenzene	14.059	91	212362	17.301	ug/l	98
90) Hexachloroethane	14.341	117	61482	18.993	ug/l	87
91) 1,2-Dichlorobenzene	14.111	146	167404	17.390	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20562	15.730	ug/l	85
93) 1,2,4-Trichlorobenzene	15.400	180	43110	14.032	ug/l	93
94) Hexachlorobutadiene	15.506	225	32968	18.102	ug/l	99
95) Naphthalene	15.647	128	124708	11.873	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	53167	15.050	ug/l	96

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

