

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076019.D
 Acq On : 28 Dec 2022 23:43
 Operator : JC\MD
 Sample : VN1228WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBSD02

Quant Time: Dec 29 07:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/29/2022
 Supervised By :Mahesh Dadoda 12/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	279115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	471994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167239	55.076	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.171	113	152346	52.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	10.571	98	546227	49.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.853	95	182301	50.363	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	32372	16.335	ug/l	96
3) Chloromethane	2.377	50	40600	16.475	ug/l	95
4) Vinyl Chloride	2.530	62	51568	17.543	ug/l	99
5) Bromomethane	2.965	94	43352	17.353	ug/l	90
6) Chloroethane	3.130	64	41746	19.177	ug/l	98
7) Trichlorofluoromethane	3.518	101	81108	18.183	ug/l	91
8) Diethyl Ether	3.977	74	33939	20.832	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	46671	18.324	ug/l	99
10) Methyl Iodide	4.606	142	78545	19.002	ug/l	99
11) Tert butyl alcohol	5.530	59	47164	109.770	ug/l	99
12) 1,1-Dichloroethene	4.353	96	46091	18.632	ug/l	97
13) Acrolein	4.195	56	58772	111.574	ug/l	97
14) Allyl chloride	5.047	41	61395	21.231	ug/l	99
15) Acrylonitrile	5.730	53	128023	109.186	ug/l	98
16) Acetone	4.442	43	98625	94.221	ug/l	96
17) Carbon Disulfide	4.730	76	89468	14.938	ug/l	95
18) Methyl Acetate	5.042	43	69883	22.586	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	183885	22.573	ug/l	100
20) Methylene Chloride	5.295	84	59979	21.049	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	49635	18.321	ug/l	87
22) Diisopropyl ether	6.689	45	155874	22.189	ug/l	96
23) Vinyl Acetate	6.612	43	484617	102.492	ug/l	98
24) 1,1-Dichloroethane	6.583	63	94538	20.179	ug/l	98
25) 2-Butanone	7.494	43	153540	104.760	ug/l	95
26) 2,2-Dichloropropane	7.500	77	74754	18.841	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	63787	19.687	ug/l	95
28) Bromochloromethane	7.824	49	41866	20.388	ug/l	100
29) Tetrahydrofuran	7.847	42	102164	111.232	ug/l	98
30) Chloroform	7.977	83	108433	20.556	ug/l	93
31) Cyclohexane	8.265	56	75797	17.429	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	91908	19.653	ug/l	98
36) 1,1-Dichloropropene	8.377	75	67838	17.471	ug/l	98
37) Ethyl Acetate	7.565	43	63532	20.370	ug/l	99
38) Carbon Tetrachloride	8.371	117	77878	17.920	ug/l	94
39) Methylcyclohexane	9.606	83	81492	17.396	ug/l	96
40) Benzene	8.612	78	226733	18.926	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33395	20.599	ug/l	95
42) 1,2-Dichloroethane	8.677	62	79675	20.004	ug/l	99
43) Isopropyl Acetate	8.694	43	111598	21.691	ug/l	100
44) Trichloroethene	9.359	130	61194	18.131	ug/l	92
45) 1,2-Dichloropropane	9.624	63	56766	19.472	ug/l	96
46) Dibromomethane	9.712	93	43941	20.322	ug/l	99
47) Bromodichloromethane	9.894	83	85635	20.195	ug/l	94
48) Methyl methacrylate	9.688	41	49304	21.277	ug/l	97
49) 1,4-Dioxane	9.706	88	21843	383.430	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	339968	109.265	ug/l	99
52) Toluene	10.635	92	148429	19.024	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83612	20.144	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	91172	20.005	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	64093	20.929	ug/l	95
56) Ethyl methacrylate	10.877	69	89799	22.076	ug/l	99
57) 1,3-Dichloropropane	11.165	76	102382	20.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	133123	102.790	ug/l	99
59) 2-Hexanone	11.200	43	242265	106.769	ug/l	100
60) Dibromochloromethane	11.365	129	68676	20.165	ug/l	98
61) 1,2-Dibromoethane	11.471	107	63223	20.400	ug/l	99
64) Tetrachloroethene	11.106	164	56992	19.952	ug/l	96
65) Chlorobenzene	11.894	112	162920	19.555	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	63042	20.429	ug/l	97
67) Ethyl Benzene	11.965	91	276758	19.682	ug/l	100
68) m/p-Xylenes	12.071	106	222200	39.924	ug/l	98
69) o-Xylene	12.400	106	112579	20.440	ug/l	98
70) Styrene	12.412	104	182041	20.788	ug/l	99
71) Bromoform	12.582	173	50637	22.550	ug/l #	95
73) Isopropylbenzene	12.700	105	283780	20.143	ug/l	99
74) N-amyl acetate	12.500	43	92169	22.301	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	90904	20.873	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	68720m	17.487	ug/l	
77) Bromobenzene	12.982	156	71176	19.963	ug/l	99
78) n-propylbenzene	13.041	91	309988	19.950	ug/l	99
79) 2-Chlorotoluene	13.129	91	193691	19.969	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	235440	19.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	21870	20.032	ug/l	95
82) 4-Chlorotoluene	13.129	91	193691	19.969	ug/l	100
83) tert-Butylbenzene	13.441	119	222110	21.365	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	241684	20.662	ug/l	99
85) sec-Butylbenzene	13.618	105	289959	20.208	ug/l	98
86) p-Isopropyltoluene	13.735	119	240832	20.171	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	127812	19.407	ug/l	100
88) 1,4-Dichlorobenzene	13.818	146	127418	18.939	ug/l	100
89) n-Butylbenzene	14.059	91	181925	18.809	ug/l	99
90) Hexachloroethane	14.341	117	41280	19.329	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	129842	20.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15206	19.677	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	60008	18.685	ug/l	99
94) Hexachlorobutadiene	15.506	225	32127	18.335	ug/l	97
95) Naphthalene	15.647	128	190828	19.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59720	19.895	ug/l	97

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

