

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071723.D
 Acq On : 31 Mar 2022 23:38
 Operator : JC\MD
 Sample : VN0331WBSD04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD04

Quant Time: Apr 01 01:42:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	576977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	923120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	833180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	311174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	329221	49.981	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.960%		
35) Dibromofluoromethane	8.022	113	269803	49.669	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.340%		
50) Toluene-d8	10.439	98	1105851	49.766	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.727	95	344648	47.957	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	84856	18.499	ug/l	99
3) Chloromethane	2.304	50	104197	17.926	ug/l	97
4) Vinyl Chloride	2.446	62	114521	17.941	ug/l	95
5) Bromomethane	2.851	94	76969	18.549	ug/l	99
6) Chloroethane	3.016	64	74553	16.235	ug/l	99
7) Trichlorofluoromethane	3.375	101	145134	17.871	ug/l	99
8) Diethyl Ether	3.828	74	63655	18.547	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	90324	18.048	ug/l	99
10) Methyl Iodide	4.428	142	125324	17.914	ug/l	99
11) Tert butyl alcohol	5.363	59	100317	93.847	ug/l	100
12) 1,1-Dichloroethene	4.193	96	86480	18.159	ug/l	92
13) Acrolein	4.040	56	104024	79.812	ug/l	99
14) Allyl chloride	4.845	41	138512	17.919	ug/l	97
15) Acrylonitrile	5.551	53	307082	98.834	ug/l	99
16) Acetone	4.287	43	237328	84.309	ug/l	97
17) Carbon Disulfide	4.534	76	184750	16.908	ug/l	100
18) Methyl Acetate	4.857	43	136231	18.592	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	339712	19.201	ug/l	99
20) Methylene Chloride	5.098	84	108194	18.235	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	93461	17.877	ug/l	98
22) Diisopropyl ether	6.492	45	323705	19.236	ug/l	96
23) Vinyl Acetate	6.434	43	1330711	99.443	ug/l	100
24) 1,1-Dichloroethane	6.387	63	187781	19.009	ug/l	98
25) 2-Butanone	7.334	43	382590	94.277	ug/l	99
26) 2,2-Dichloropropane	7.328	77	135347	15.949	ug/l	99
27) cis-1,2-Dichloroethene	7.328	96	119936	18.708	ug/l	96
28) Bromochloromethane	7.657	49	73506	18.446	ug/l	98
29) Tetrahydrofuran	7.681	42	257802	98.109	ug/l	98
30) Chloroform	7.816	83	196586	18.846	ug/l	99
31) Cyclohexane	8.098	56	158998	17.750	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	164877	18.476	ug/l	100
36) 1,1-Dichloropropene	8.222	75	134618	17.746	ug/l	99
37) Ethyl Acetate	7.410	43	163294	19.667	ug/l	99
38) Carbon Tetrachloride	8.204	117	134442	18.084	ug/l	94
39) Methylcyclohexane	9.457	83	158794	17.586	ug/l	97
40) Benzene	8.457	78	439674	18.348	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	78239	19.245	ug/l	97
42) 1,2-Dichloroethane	8.528	62	149063	17.983	ug/l	98
43) Isopropyl Acetate	8.557	43	242532	17.562	ug/l	99
44) Trichloroethene	9.216	130	110581	17.912	ug/l	96
45) 1,2-Dichloropropane	9.486	63	112964	18.870	ug/l	96
46) Dibromomethane	9.575	93	75234	18.510	ug/l	98
47) Bromodichloromethane	9.757	83	151145	18.891	ug/l	96
48) Methyl methacrylate	9.557	41	109236	19.066	ug/l	96
49) 1,4-Dioxane	9.569	88	48346	346.655	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	779099	98.124	ug/l	99
52) Toluene	10.504	92	286566	18.918	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	155235	18.513	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	169693	18.315	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	117079	18.780	ug/l	98
56) Ethyl methacrylate	10.757	69	172650	19.413	ug/l	97
57) 1,3-Dichloropropane	11.039	76	195062	18.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	174626	76.418	ug/l	98
59) 2-Hexanone	11.080	43	551375	98.633	ug/l	99
60) Dibromochloromethane	11.233	129	117387	19.311	ug/l	100
61) 1,2-Dibromoethane	11.339	107	116203	18.936	ug/l	98
64) Tetrachloroethene	10.974	164	98143	17.838	ug/l	94
65) Chlorobenzene	11.769	112	304713	18.265	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	113180	18.800	ug/l	99
67) Ethyl Benzene	11.839	91	524112	18.558	ug/l	100
68) m/p-Xylenes	11.951	106	396648	36.553	ug/l	99
69) o-Xylene	12.274	106	199984	18.567	ug/l	97
70) Styrene	12.292	104	306949	18.809	ug/l	100
71) Bromoform	12.457	173	86921	18.960	ug/l #	99
73) Isopropylbenzene	12.574	105	500128	19.073	ug/l	99
74) N-amyl acetate	12.386	43	148449	19.759	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	174209	19.912	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	132579m	18.392	ug/l	
77) Bromobenzene	12.857	156	121843	18.536	ug/l	98
78) n-propylbenzene	12.916	91	526085	19.073	ug/l	100
79) 2-Chlorotoluene	13.004	91	340748	19.263	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	405060	19.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	42164	18.126	ug/l	98
82) 4-Chlorotoluene	13.104	91	307126	18.731	ug/l	99
83) tert-Butylbenzene	13.321	119	364705	19.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	393818	19.428	ug/l	99
85) sec-Butylbenzene	13.498	105	476568	19.358	ug/l	100
86) p-Isopropyltoluene	13.610	119	372859	18.995	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	193166	18.445	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	185361	18.143	ug/l	97
89) n-Butylbenzene	13.939	91	253996	17.446	ug/l	99
90) Hexachloroethane	14.204	117	72099	20.065	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	192703	18.744	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26966	19.871	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	81457	17.848	ug/l	100
94) Hexachlorobutadiene	15.368	225	51155	16.871	ug/l	99
95) Naphthalene	15.504	128	209459	17.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	79087	18.104	ug/l	100

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

