

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074207.D
 Acq On : 31 Aug 2022 12:18
 Operator : JC\MD
 Sample : VN0831WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBSD01

Quant Time: Sep 01 00:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 09/01/2022
 Supervised By :Mahesh
 Dadoda
 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	181123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	328471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	308754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	138393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	154421	54.961	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.920%			
35) Dibromofluoromethane	7.945	113	112195	52.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	10.375	98	449486	53.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.800%			
62) 4-Bromofluorobenzene	12.669	95	144011	56.259	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32672	17.433	ug/l	93
3) Chloromethane	2.269	50	60683	22.988	ug/l	98
4) Vinyl Chloride	2.405	62	57162	21.792	ug/l	93
5) Bromomethane	2.781	94	34791	24.260	ug/l	98
6) Chloroethane	2.952	64	42985	23.730	ug/l #	87
7) Trichlorofluoromethane	3.310	101	72674	18.124	ug/l	88
8) Diethyl Ether	3.763	74	33508	19.649	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.146	101	44585	19.469	ug/l	92
10) Methyl Iodide	4.352	142	36560	19.780	ug/l #	86
11) Tert butyl alcohol	5.281	59	69088	104.855	ug/l	99
12) 1,1-Dichloroethene	4.110	96	40657	19.145	ug/l	88
13) Acrolein	3.975	56	61106	98.384	ug/l	97
14) Allyl chloride	4.757	41	96962	20.475	ug/l #	93
15) Acrylonitrile	5.463	53	215236	106.038	ug/l	100
16) Acetone	4.216	43	187430	99.832	ug/l	92
17) Carbon Disulfide	4.457	76	117505	19.443	ug/l #	94
18) Methyl Acetate	4.775	43	116408	23.406	ug/l #	85
19) Methyl tert-butyl Ether	5.528	73	167409	21.312	ug/l	95
20) Methylene Chloride	5.004	84	56379	21.107	ug/l #	74
21) trans-1,2-Dichloroethene	5.510	96	46227	18.861	ug/l	90
22) Diisopropyl ether	6.404	45	215261	22.311	ug/l #	94
23) Vinyl Acetate	6.346	43	930330	114.206	ug/l #	94
24) 1,1-Dichloroethane	6.298	63	104001	21.850	ug/l	97
25) 2-Butanone	7.257	43	331113	110.247	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	68398	22.433	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	56634	20.687	ug/l	90
28) Bromochloromethane	7.581	49	37709	22.576	ug/l #	66
29) Tetrahydrofuran	7.610	42	219413	114.712	ug/l #	82
30) Chloroform	7.740	83	97545	20.104	ug/l	95
31) Cyclohexane	8.022	56	101644	21.895	ug/l	90
32) 1,1,1-Trichloroethane	7.940	97	79228	21.232	ug/l	95
36) 1,1-Dichloropropene	8.145	75	71202	20.531	ug/l	95
37) Ethyl Acetate	7.328	43	123079	21.221	ug/l #	93
38) Carbon Tetrachloride	8.134	117	63454	20.101	ug/l #	91
39) Methylcyclohexane	9.398	83	87561	21.508	ug/l	99
40) Benzene	8.387	78	232779	21.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	59271	22.139	ug/l	#	86
42) 1,2-Dichloroethane	8.463	62	83300	21.496	ug/l		97
43) Isopropyl Acetate	8.492	43	175190	22.469	ug/l	#	91
44) Trichloroethene	9.151	130	48353	19.871	ug/l		96
45) 1,2-Dichloropropane	9.428	63	62752	21.344	ug/l		97
46) Dibromomethane	9.510	93	40405	20.577	ug/l	#	85
47) Bromodichloromethane	9.698	83	77395	20.113	ug/l		98
48) Methyl methacrylate	9.492	41	84203	22.735	ug/l	#	86
49) 1,4-Dioxane	9.504	88	30483	381.500	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.269	43	634832	112.188	ug/l		89
52) Toluene	10.445	92	140577	21.902	ug/l		100
53) t-1,3-Dichloropropene	10.657	75	79305	21.737	ug/l		94
54) cis-1,3-Dichloropropene	10.128	75	90006	22.036	ug/l	#	86
55) 1,1,2-Trichloroethane	10.839	97	95516	21.437	ug/l		94
56) Ethyl methacrylate	10.698	69	95424	22.676	ug/l	#	79
57) 1,3-Dichloropropane	10.986	76	104772	21.715	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.981	63	230317	108.193	ug/l	#	88
59) 2-Hexanone	11.022	43	492562	114.703	ug/l		86
60) Dibromochloromethane	11.175	129	55080	21.181	ug/l		98
61) 1,2-Dibromoethane	11.286	107	58734	22.140	ug/l		93
64) Tetrachloroethene	10.916	164	40905	18.290	ug/l		94
65) Chlorobenzene	11.710	112	138791	19.976	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.780	131	50410	20.414	ug/l		99
67) Ethyl Benzene	11.786	91	260497	20.893	ug/l		96
68) m/p-Xylenes	11.892	106	197608	42.664	ug/l		96
69) o-Xylene	12.222	106	97536	21.134	ug/l		98
70) Styrene	12.233	104	162631	22.118	ug/l		99
71) Bromoform	12.398	173	39606	18.935	ug/l	#	98
73) Isopropylbenzene	12.516	105	245121	20.682	ug/l		98
74) N-amyl acetate	12.328	43	147982	22.069	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.763	83	97836	19.905	ug/l		96
76) 1,2,3-Trichloropropane	12.822	75	68167m	19.363	ug/l		
77) Bromobenzene	12.798	156	51956	18.741	ug/l		73
78) n-propylbenzene	12.857	91	298643	22.106	ug/l		97
79) 2-Chlorotoluene	12.945	91	177632	21.466	ug/l		97
80) 1,3,5-Trimethylbenzene	12.998	105	207446	21.522	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.563	75	29959	22.470	ug/l		91
82) 4-Chlorotoluene	13.045	91	169271	21.140	ug/l		97
83) tert-Butylbenzene	13.263	119	173785	21.077	ug/l		99
84) 1,2,4-Trimethylbenzene	13.304	105	206315	22.178	ug/l		96
85) sec-Butylbenzene	13.439	105	258825	22.378	ug/l		94
86) p-Isopropyltoluene	13.557	119	201528	22.393	ug/l		97
87) 1,3-Dichlorobenzene	13.551	146	101583	20.555	ug/l		99
88) 1,4-Dichlorobenzene	13.627	146	107499	21.026	ug/l		97
89) n-Butylbenzene	13.880	91	175335	22.370	ug/l		94
90) Hexachloroethane	14.151	117	36517	19.682	ug/l		80
91) 1,2-Dichlorobenzene	13.927	146	105620	20.274	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	19832	20.187	ug/l		81
93) 1,2,4-Trichlorobenzene	15.192	180	50638	19.872	ug/l		96
94) Hexachlorobutadiene	15.298	225	24218	19.326	ug/l		98
95) Naphthalene	15.433	128	196936	19.473	ug/l		100
96) 1,2,3-Trichlorobenzene	15.627	180	53326	20.201	ug/l		96

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

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