

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073493.D
 Acq On : 18 Jul 2022 12:48
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 18 15:30:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	186154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	318139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	290730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	140617	50.000	ug/l	0.00

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 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	151138	56.241	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.480%	
35) Dibromofluoromethane	7.951	113	120783	57.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.120%	
50) Toluene-d8	10.381	98	381022	50.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.669	95	151481	52.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.860%	

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	48004	17.638	ug/l	97
3) Chloromethane	2.269	50	46750	17.693	ug/l	96
4) Vinyl Chloride	2.405	62	40265	17.935	ug/l	96
5) Bromomethane	2.799	94	21700	20.464	ug/l	99
6) Chloroethane	2.963	64	26842	20.325	ug/l	94
7) Trichlorofluoromethane	3.316	101	74684	19.242	ug/l	99
8) Diethyl Ether	3.763	74	32488	20.562	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.146	101	46168	20.131	ug/l	95
10) Methyl Iodide	4.352	142	44065	17.070	ug/l	97
11) Tert butyl alcohol	5.281	59	73199	112.442	ug/l	100
12) 1,1-Dichloroethene	4.116	96	40874	18.652	ug/l	93
13) Acrolein	3.981	56	15817	38.440	ug/l	97
14) Allyl chloride	4.763	41	97521	21.124	ug/l #	87
15) Acrylonitrile	5.469	53	215925	128.847	ug/l	99
16) Acetone	4.216	43	187965	124.608	ug/l	96
17) Carbon Disulfide	4.452	76	87543	15.406	ug/l	99
18) Methyl Acetate	4.775	43	119381	28.241	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	182959	22.907	ug/l	99
20) Methylene Chloride	5.010	84	58117	21.923	ug/l #	90
21) trans-1,2-Dichloroethene	5.510	96	43594	19.039	ug/l	96
22) Diisopropyl ether	6.410	45	205887	23.900	ug/l	96
23) Vinyl Acetate	6.346	43	878425	113.893	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	99471	22.313	ug/l	99
25) 2-Butanone	7.257	43	312624	130.173	ug/l #	88
26) 2,2-Dichloropropane	7.246	77	70423	17.081	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	57018	20.563	ug/l	94
28) Bromochloromethane	7.581	49	45784	24.523	ug/l #	80
29) Tetrahydrofuran	7.610	42	207080	125.928	ug/l #	85
30) Chloroform	7.746	83	97166	21.641	ug/l	97
31) Cyclohexane	8.022	56	80069	18.193	ug/l	91
32) 1,1,1-Trichloroethane	7.940	97	81947	20.480	ug/l	98
36) 1,1-Dichloropropene	8.151	75	64835	19.907	ug/l	97
37) Ethyl Acetate	7.334	43	116576	23.689	ug/l #	95
38) Carbon Tetrachloride	8.134	117	66346	19.699	ug/l	99
39) Methylcyclohexane	9.392	83	74533	18.382	ug/l #	87
40) Benzene	8.387	78	214955	21.386	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	65057	27.259	ug/l	#	76
42) 1,2-Dichloroethane	8.463	62	83512	22.921	ug/l		99
43) Isopropyl Acetate	8.493	43	170504	24.108	ug/l	#	91
44) Trichloroethene	9.151	130	49900	19.509	ug/l		95
45) 1,2-Dichloropropane	9.422	63	59465	23.212	ug/l		95
46) Dibromomethane	9.516	93	38605	22.194	ug/l		92
47) Bromodichloromethane	9.698	83	79326	23.546	ug/l		98
48) Methyl methacrylate	9.498	41	73565	22.465	ug/l		91
49) 1,4-Dioxane	9.498	88	31669	509.442	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.269	43	592389	132.083	ug/l		90
52) Toluene	10.445	92	129806	20.897	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	78385	21.135	ug/l		96
54) cis-1,3-Dichloropropene	10.128	75	86571	21.621	ug/l		92
55) 1,1,2-Trichloroethane	10.839	97	60007	23.466	ug/l		97
56) Ethyl methacrylate	10.704	69	90554	21.909	ug/l	#	81
57) 1,3-Dichloropropane	10.986	76	101262	23.100	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.981	63	207668	112.657	ug/l		93
59) 2-Hexanone	11.022	43	449621	131.516	ug/l		87
60) Dibromochloromethane	11.175	129	57035	23.393	ug/l		97
61) 1,2-Dibromoethane	11.286	107	56053	21.945	ug/l		97
64) Tetrachloroethene	10.916	164	45308	19.085	ug/l		96
65) Chlorobenzene	11.710	112	136051	20.691	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.781	131	50996	21.086	ug/l		99
67) Ethyl Benzene	11.781	91	239050	20.026	ug/l		100
68) m/p-Xylenes	11.892	106	182685	40.551	ug/l		95
69) o-Xylene	12.222	106	92790	20.176	ug/l		99
70) Styrene	12.233	104	152098	21.421	ug/l		98
71) Bromoform	12.398	173	39762	22.469	ug/l	#	99
73) Isopropylbenzene	12.522	105	235069	19.359	ug/l		98
74) N-amyl acetate	12.328	43	122017	20.068	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	92068	22.849	ug/l		97
76) 1,2,3-Trichloropropane	12.822	75	82262m	22.373	ug/l		
77) Bromobenzene	12.798	156	55439	19.637	ug/l		83
78) n-propylbenzene	12.857	91	273105	20.245	ug/l		96
79) 2-Chlorotoluene	12.945	91	172275	20.178	ug/l		96
80) 1,3,5-Trimethylbenzene	12.998	105	197396	19.944	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.563	75	26511	19.774	ug/l		89
82) 4-Chlorotoluene	13.045	91	160892	19.465	ug/l		98
83) tert-Butylbenzene	13.263	119	169202	19.069	ug/l		93
84) 1,2,4-Trimethylbenzene	13.310	105	199296	20.168	ug/l		97
85) sec-Butylbenzene	13.439	105	241808	20.295	ug/l		98
86) p-Isopropyltoluene	13.557	119	195314	20.292	ug/l		98
87) 1,3-Dichlorobenzene	13.551	146	101093	19.960	ug/l		99
88) 1,4-Dichlorobenzene	13.633	146	98054	19.322	ug/l		96
89) n-Butylbenzene	13.880	91	153825	19.179	ug/l		97
90) Hexachloroethane	14.145	117	35904	20.016	ug/l		88
91) 1,2-Dichlorobenzene	13.927	146	104925	20.337	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20370	20.799	ug/l		86
93) 1,2,4-Trichlorobenzene	15.198	180	50137	18.663	ug/l		98
94) Hexachlorobutadiene	15.304	225	23643	19.798	ug/l		99
95) Naphthalene	15.433	128	198594	18.325	ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	52966	19.113	ug/l		98

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

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

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