

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079868.D
 Acq On : 04 Nov 2023 01:27
 Operator : JC\MD
 Sample : VN1103WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 04 04:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	302563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	485126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215089	50.000	ug/l	0.00

11/04/2023
 Supervised By :Mahesh
 Radoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254857	55.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.580%	
35) Dibromofluoromethane	8.165	113	198858	53.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.100%	
50) Toluene-d8	10.571	98	741630	53.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.853	95	241105	52.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.360%	

11/06/2023

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70923	19.461	ug/l	95
3) Chloromethane	2.359	50	83822	17.623	ug/l	94
4) Vinyl Chloride	2.518	62	105184	22.049	ug/l	93
5) Bromomethane	2.954	94	59297	20.457	ug/l	97
6) Chloroethane	3.124	64	68433	18.155	ug/l	97
7) Trichlorofluoromethane	3.495	101	112242	18.917	ug/l	93
8) Diethyl Ether	3.959	74	40160	17.836	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	66697	19.391	ug/l	97
10) Methyl Iodide	4.589	142	68395	17.412	ug/l	98
11) Tert butyl alcohol	5.524	59	48625	82.634	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	58876	18.078	ug/l #	82
13) Acrolein	4.183	56	42541	82.328	ug/l	95
14) Allyl chloride	5.024	41	93693	18.783	ug/l #	89
15) Acrylonitrile	5.718	53	176112	96.037	ug/l	98
16) Acetone	4.430	43	143784	88.800	ug/l	96
17) Carbon Disulfide	4.712	76	168303	17.916	ug/l	99
18) Methyl Acetate	5.024	43	146961	18.971	ug/l #	83
19) Methyl tert-butyl Ether	5.795	73	205976	18.370	ug/l	93
20) Methylene Chloride	5.283	84	77137	18.880	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	69674	19.182	ug/l	93
22) Diisopropyl ether	6.671	45	238698	20.649	ug/l #	92
23) Vinyl Acetate	6.606	43	566536	88.851	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	142420	20.270	ug/l	95
25) 2-Butanone	7.489	43	222957	94.032	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	96701	16.642	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	80408	18.507	ug/l	84
28) Bromochloromethane	7.812	49	78583	22.950	ug/l #	75
29) Tetrahydrofuran	7.841	42	147543	95.643	ug/l #	74
30) Chloroform	7.971	83	148822	19.500	ug/l	94
31) Cyclohexane	8.259	56	118709	19.489	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	125329	20.154	ug/l	95
36) 1,1-Dichloropropene	8.377	75	105253	19.666	ug/l	94
37) Ethyl Acetate	7.565	43	96416	19.643	ug/l #	90
38) Carbon Tetrachloride	8.365	117	104440	19.363	ug/l	95
39) Methylcyclohexane	9.600	83	91060	18.079	ug/l #	87
40) Benzene	8.606	78	316572	19.749	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	49460	18.976	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	119517	21.345	ug/l		98
43) Isopropyl Acetate	8.688	43	154970	18.003	ug/l	#	92
44) Trichloroethene	9.353	130	76406	19.209	ug/l		97
45) 1,2-Dichloropropane	9.624	63	85675	20.914	ug/l		99
46) Dibromomethane	9.712	93	54648	19.537	ug/l		94
47) Bromodichloromethane	9.888	83	117701	19.730	ug/l		96
48) Methyl methacrylate	9.683	41	73672	19.540	ug/l	#	78
49) 1,4-Dioxane	9.700	88	26064	391.226	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.447	43	489450	100.998	ug/l		88
52) Toluene	10.630	92	194772	20.495	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	110546	18.903	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	121947	19.131	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	76622	20.046	ug/l		98
56) Ethyl methacrylate	10.877	69	100343	18.404	ug/l	#	82
57) 1,3-Dichloropropane	11.165	76	135525	20.115	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	251832	91.133	ug/l		89
59) 2-Hexanone	11.200	43	338280	91.248	ug/l		86
60) Dibromochloromethane	11.359	129	79125	19.339	ug/l		99
61) 1,2-Dibromoethane	11.471	107	73298	19.106	ug/l		97
64) Tetrachloroethene	11.106	164	69151	22.009	ug/l		97
65) Chlorobenzene	11.894	112	198073	18.822	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	74495	19.648	ug/l		97
67) Ethyl Benzene	11.965	91	343704	18.747	ug/l		95
68) m/p-Xylenes	12.071	106	259220	37.954	ug/l		93
69) o-Xylene	12.400	106	123694	18.808	ug/l		94
70) Styrene	12.412	104	206100	19.500	ug/l		97
71) Bromoform	12.576	173	50670	18.821	ug/l	#	98
73) Isopropylbenzene	12.700	105	306187	18.757	ug/l		99
74) N-amyl acetate	12.494	43	120177	16.866	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	106523	18.405	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	93626m	18.541	ug/l		
77) Bromobenzene	12.982	156	77420	19.372	ug/l		94
78) n-propylbenzene	13.041	91	370154	19.801	ug/l		96
79) 2-Chlorotoluene	13.129	91	226100	18.933	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	257839	20.301	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.735	75	28445	15.326	ug/l	#	84
82) 4-Chlorotoluene	13.223	91	226839	19.115	ug/l		98
83) tert-Butylbenzene	13.441	119	202370	19.466	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	250880	20.078	ug/l		98
85) sec-Butylbenzene	13.618	105	286111	19.864	ug/l		99
86) p-Isopropyltoluene	13.735	119	227534	19.376	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	137988	18.560	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	138325	18.330	ug/l		98
89) n-Butylbenzene	14.059	91	182027	17.997	ug/l		98
90) Hexachloroethane	14.335	117	44097	18.961	ug/l		92
91) 1,2-Dichlorobenzene	14.106	146	134202	19.121	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17778	18.113	ug/l		93
93) 1,2,4-Trichlorobenzene	15.400	180	55561	16.649	ug/l		96
94) Hexachlorobutadiene	15.506	225	28006	18.512	ug/l		97
95) Naphthalene	15.641	128	157909	13.953	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	55828	17.067	ug/l		99

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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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