

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079772.D
 Acq On : 01 Nov 2023 15:32
 Operator : JC\MD
 Sample : VN1101WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Quant Time: Nov 02 05:55:12 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	282064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	492394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	443546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219828	51.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	8.171	113	176475	50.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.280%			
50) Toluene-d8	10.571	98	656567	51.177	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.360%			
62) 4-Bromofluorobenzene	12.853	95	219429	51.571	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69258	20.385	ug/l	98
3) Chloromethane	2.359	50	79059	17.840	ug/l	98
4) Vinyl Chloride	2.512	62	83448	18.764	ug/l	94
5) Bromomethane	2.954	94	58271	21.564	ug/l	98
6) Chloroethane	3.118	64	60379	17.182	ug/l	98
7) Trichlorofluoromethane	3.495	101	107789	19.486	ug/l	98
8) Diethyl Ether	3.959	74	42581	20.285	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	63953	19.944	ug/l	100
10) Methyl Iodide	4.595	142	71298	19.471	ug/l	93
11) Tert butyl alcohol	5.518	59	52381	95.486	ug/l	100
12) 1,1-Dichloroethene	4.342	96	59635	19.642	ug/l #	81
13) Acrolein	4.177	56	44555	92.889	ug/l	93
14) Allyl chloride	5.030	41	91172	19.606	ug/l	93
15) Acrylonitrile	5.718	53	174709	102.196	ug/l	100
16) Acetone	4.424	43	146322	96.935	ug/l	92
17) Carbon Disulfide	4.718	76	161834	18.479	ug/l	98
18) Methyl Acetate	5.024	43	142537	19.737	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	211738	20.256	ug/l	95
20) Methylene Chloride	5.283	84	73070	19.184	ug/l #	93
21) trans-1,2-Dichloroethene	5.789	96	68318	20.176	ug/l	89
22) Diisopropyl ether	6.677	45	224643	20.846	ug/l #	92
23) Vinyl Acetate	6.606	43	598811	100.738	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	129137	19.716	ug/l	98
25) 2-Butanone	7.483	43	227617	102.974	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	103252	19.061	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	78492	19.379	ug/l	89
28) Bromochloromethane	7.812	49	63608	19.927	ug/l	82
29) Tetrahydrofuran	7.841	42	149539	103.982	ug/l #	78
30) Chloroform	7.971	83	136091	19.128	ug/l	93
31) Cyclohexane	8.265	56	106778	18.804	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	113890	19.646	ug/l	97
36) 1,1-Dichloropropene	8.377	75	98249	19.745	ug/l	95
37) Ethyl Acetate	7.565	43	92438	20.256	ug/l #	93
38) Carbon Tetrachloride	8.365	117	96453	19.234	ug/l	98
39) Methylcyclohexane	9.600	83	90652	19.358	ug/l #	89
40) Benzene	8.606	78	293295	19.679	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	47848	19.745	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	106436	20.445	ug/l	100
43) Isopropyl Acetate	8.694	43	153977	19.240	ug/l #	93
44) Trichloroethene	9.353	130	71094	19.224	ug/l	98
45) 1,2-Dichloropropane	9.624	63	77025	20.223	ug/l	97
46) Dibromomethane	9.712	93	53119	20.425	ug/l	94
47) Bromodichloromethane	9.888	83	107596	19.399	ug/l	98
48) Methyl methacrylate	9.682	41	71221	20.317	ug/l #	82
49) 1,4-Dioxane	9.694	88	27217	439.403	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	478464	106.192	ug/l	90
52) Toluene	10.635	92	177935	20.139	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	110590	20.340	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	121426	20.489	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	73314	20.630	ug/l	94
56) Ethyl methacrylate	10.877	69	105646	20.841	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	127548	20.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	276664	107.684	ug/l	90
59) 2-Hexanone	11.200	43	355215	103.056	ug/l	89
60) Dibromochloromethane	11.365	129	75993	19.977	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71556	20.061	ug/l	98
64) Tetrachloroethene	11.106	164	58609	20.402	ug/l	88
65) Chlorobenzene	11.894	112	189703	19.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	68270	19.694	ug/l	97
67) Ethyl Benzene	11.965	91	329280	19.643	ug/l	93
68) m/p-Xylenes	12.071	106	251030	40.201	ug/l	96
69) o-Xylene	12.400	106	121043	20.130	ug/l	96
70) Styrene	12.418	104	198934	20.586	ug/l	97
71) Bromoform	12.582	173	51380	20.874	ug/l #	99
73) Isopropylbenzene	12.700	105	304555	20.050	ug/l	99
74) N-amyl acetate	12.500	43	128674	19.408	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	105217	19.537	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	94267m	20.062	ug/l	
77) Bromobenzene	12.982	156	74426	20.014	ug/l	97
78) n-propylbenzene	13.041	91	356052	20.469	ug/l	98
79) 2-Chlorotoluene	13.129	91	220347	19.830	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	242068	20.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	31630	18.315	ug/l	88
82) 4-Chlorotoluene	13.223	91	219245	19.855	ug/l	99
83) tert-Butylbenzene	13.441	119	196491	20.312	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	243562	20.948	ug/l	98
85) sec-Butylbenzene	13.618	105	268621	20.043	ug/l	99
86) p-Isopropyltoluene	13.735	119	223257	20.432	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137775	19.915	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	135452	19.290	ug/l	99
89) n-Butylbenzene	14.059	91	183774	19.527	ug/l	99
90) Hexachloroethane	14.335	117	42058	19.435	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	130497	19.982	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19010	20.815	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	58945	18.982	ug/l	93
94) Hexachlorobutadiene	15.506	225	27416	19.476	ug/l	96
95) Naphthalene	15.647	128	192522	18.282	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59218	19.455	ug/l	98

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

