

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084797.D
 Acq On : 12 Nov 2024 15:37
 Operator : JC\MD
 Sample : VN1112WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

Quant Time: Nov 12 23:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117775	48.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	8.165	113	94116	49.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.565	98	344377	49.443	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.880%		
62) 4-Bromofluorobenzene	12.847	95	136928	52.602	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35944	18.471	ug/l	95
3) Chloromethane	2.359	50	41017	16.262	ug/l	98
4) Vinyl Chloride	2.512	62	44488	21.255	ug/l	100
5) Bromomethane	2.901	94	22899	20.649	ug/l	93
6) Chloroethane	3.077	64	29694	22.142	ug/l	98
7) Trichlorofluoromethane	3.471	101	72473	21.020	ug/l	99
8) Diethyl Ether	3.953	74	22988	18.901	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	37478	19.237	ug/l	98
10) Methyl Iodide	4.583	142	53873	20.691	ug/l	97
11) Tert butyl alcohol	5.530	59	34873	108.058	ug/l	97
12) 1,1-Dichloroethene	4.324	96	35290	18.307	ug/l	97
13) Acrolein	4.171	56	28202	87.635	ug/l	98
14) Allyl chloride	5.012	41	58786	18.804	ug/l	91
15) Acrylonitrile	5.718	53	98554	105.487	ug/l	98
16) Acetone	4.424	43	82285	114.969	ug/l	99
17) Carbon Disulfide	4.700	76	102189	17.214	ug/l	100
18) Methyl Acetate	5.018	43	50275	16.840	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	119023	20.144	ug/l	99
20) Methylene Chloride	5.271	84	40525	18.846	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	36893	18.638	ug/l	95
22) Diisopropyl ether	6.671	45	120796	19.446	ug/l	99
23) Vinyl Acetate	6.600	43	427591	99.815	ug/l	97
24) 1,1-Dichloroethane	6.565	63	71566	19.189	ug/l	98
25) 2-Butanone	7.483	43	124526	109.171	ug/l	95
26) 2,2-Dichloropropane	7.483	77	65426	20.156	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	44133	19.094	ug/l	96
28) Bromochloromethane	7.812	49	31707	21.339	ug/l	89
29) Tetrahydrofuran	7.836	42	81869	108.189	ug/l	96
30) Chloroform	7.965	83	75961	20.011	ug/l	98
31) Cyclohexane	8.253	56	64913	19.231	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	70295	20.346	ug/l	96
36) 1,1-Dichloropropene	8.365	75	50382	19.213	ug/l	99
37) Ethyl Acetate	7.559	43	53094	22.316	ug/l	98
38) Carbon Tetrachloride	8.359	117	60720	20.716	ug/l	93
39) Methylcyclohexane	9.594	83	54071	20.268	ug/l	99
40) Benzene	8.600	78	164915	19.583	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28796	22.507	ug/l	98
42) 1,2-Dichloroethane	8.665	62	55820	20.467	ug/l	99
43) Isopropyl Acetate	8.688	43	93654	20.742	ug/l	98
44) Trichloroethene	9.353	130	38236	19.687	ug/l	95
45) 1,2-Dichloropropane	9.618	63	38616	19.547	ug/l	97
46) Dibromomethane	9.706	93	28569	20.494	ug/l	95
47) Bromodichloromethane	9.882	83	57768	19.659	ug/l #	98
48) Methyl methacrylate	9.682	41	40210	21.715	ug/l	94
49) 1,4-Dioxane	9.694	88	15379	468.689	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	264661	116.688	ug/l	98
52) Toluene	10.624	92	102472	20.805	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57687	18.966	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	62792	19.505	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	38046	20.507	ug/l	97
56) Ethyl methacrylate	10.871	69	61815	23.034	ug/l	94
57) 1,3-Dichloropropane	11.159	76	66060	20.747	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	114249	90.980	ug/l	96
59) 2-Hexanone	11.194	43	194665	117.913	ug/l	96
60) Dibromochloromethane	11.353	129	45261	21.405	ug/l	100
61) 1,2-Dibromoethane	11.465	107	39150	20.606	ug/l	100
64) Tetrachloroethene	11.100	164	33791	20.282	ug/l	97
65) Chlorobenzene	11.888	112	107051	19.104	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	39332	20.180	ug/l	99
67) Ethyl Benzene	11.959	91	181450	19.399	ug/l	99
68) m/p-Xylenes	12.071	106	145196	41.003	ug/l	98
69) o-Xylene	12.394	106	69840	21.083	ug/l	99
70) Styrene	12.412	104	115729	20.027	ug/l	100
71) Bromoform	12.576	173	31085	21.195	ug/l #	98
73) Isopropylbenzene	12.694	105	176493	19.186	ug/l	100
74) N-amyl acetate	12.494	43	74500	19.028	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	58670	19.108	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	53347m	20.330	ug/l	
77) Bromobenzene	12.976	156	44997	18.196	ug/l	93
78) n-propylbenzene	13.035	91	204024	18.927	ug/l	99
79) 2-Chlorotoluene	13.123	91	131606	18.685	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	155475	20.392	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20007	18.089	ug/l	92
82) 4-Chlorotoluene	13.218	91	129910	17.526	ug/l	98
83) tert-Butylbenzene	13.435	119	126299	20.016	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	156103	19.838	ug/l	99
85) sec-Butylbenzene	13.612	105	173100	19.420	ug/l	100
86) p-Isopropyltoluene	13.729	119	145615	19.920	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	79556	16.484	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	81234	17.631	ug/l	100
89) n-Butylbenzene	14.053	91	115574	16.902	ug/l	98
90) Hexachloroethane	14.329	117	28679	17.592	ug/l	92
91) 1,2-Dichlorobenzene	14.100	146	82867	17.868	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12056	19.381	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	39642	15.617	ug/l	100
94) Hexachlorobutadiene	15.500	225	19281	17.297	ug/l	96
95) Naphthalene	15.641	128	125893	16.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	39999	16.233	ug/l	96

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

