

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079723.D
 Acq On : 30 Oct 2023 14:16
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 31 07:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	249291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	453904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	383598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	101079	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	5603	1.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.800%#
35) Dibromofluoromethane	8.177	113	4524	1.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.780%#
50) Toluene-d8	10.571	98	11771	0.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.940%#
62) 4-Bromofluorobenzene	12.853	95	3216	0.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.680%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	3364	1.022	ug/l	81
3) Chloromethane	2.359	50	5273	1.323	ug/l #	88
4) Vinyl Chloride	2.518	62	4775	1.112	ug/l	91
5) Bromomethane	2.959	94	3876	1.375	ug/l	87
6) Chloroethane	3.124	64	4142	1.317	ug/l #	79
7) Trichlorofluoromethane	3.489	101	5973	1.183	ug/l	90
8) Diethyl Ether	3.965	74	1907	1.044	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	4.371	101	2884	0.986	ug/l	89
10) Methyl Iodide	4.606	142	2587	0.879	ug/l #	67
11) Tert butyl alcohol	5.536	59	4183	7.878	ug/l #	82
12) 1,1-Dichloroethene	4.342	96	2797	1.021	ug/l	96
13) Acrolein	4.189	56	2822	5.283	ug/l	95
14) Allyl chloride	5.024	41	4604	1.002	ug/l #	86
15) Acrylonitrile	5.736	53	8273	5.063	ug/l #	74
16) Acetone	4.453	43	9931	5.798	ug/l #	85
17) Carbon Disulfide	4.718	76	10144	1.213	ug/l	96
18) Methyl Acetate	5.042	43	7719	1.117	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	8782	0.948	ug/l #	76
20) Methylene Chloride	5.283	84	4549	1.341	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	3455	1.111	ug/l	98
22) Diisopropyl ether	6.677	45	8418	0.815	ug/l #	80
23) Vinyl Acetate	6.606	43	25021	4.401	ug/l	94
24) 1,1-Dichloroethane	6.577	63	6626	1.071	ug/l #	94
25) 2-Butanone	7.494	43	11680	4.965	ug/l #	78
26) 2,2-Dichloropropane	7.483	77	5460	1.090	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	3573	0.998	ug/l	72
28) Bromochloromethane	7.824	49	3130	1.034	ug/l #	70
29) Tetrahydrofuran	7.853	42	5906	4.109	ug/l #	76
30) Chloroform	7.971	83	6348	1.019	ug/l	84
31) Cyclohexane	8.236	56	11440	2.095	ug/l #	37
32) 1,1,1-Trichloroethane	8.171	97	6106	1.130	ug/l #	50
36) 1,1-Dichloropropene	8.377	75	4730	0.983	ug/l	93
37) Ethyl Acetate	7.571	43	4532	0.950	ug/l #	74
38) Carbon Tetrachloride	8.365	117	4967	1.035	ug/l	87
39) Methylcyclohexane	9.600	83	4077	0.852	ug/l #	76
40) Benzene	8.606	78	14232	1.002	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	2307	0.927	ug/l #	75
42) 1,2-Dichloroethane	8.677	62	5343	1.036	ug/l	92
43) Isopropyl Acetate	8.694	43	6874	0.902	ug/l #	88
44) Trichloroethene	9.353	130	3943	1.146	ug/l	100
45) 1,2-Dichloropropane	9.630	63	3712	0.984	ug/l	97
46) Dibromomethane	9.718	93	2686	1.056	ug/l	91
47) Bromodichloromethane	9.894	83	5343	1.047	ug/l #	95
48) Methyl methacrylate	9.688	41	2886	0.816	ug/l #	85
49) 1,4-Dioxane	9.700	88	895	14.388	ug/l #	67
51) 4-Methyl-2-Pentanone	10.453	43	19858	4.186	ug/l #	84
52) Toluene	10.635	92	7365	0.850	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	4422	0.858	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	4484	0.795	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	3740	1.091	ug/l	91
56) Ethyl methacrylate	10.882	69	3506	0.724	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	5665	0.944	ug/l	92
58) 2-Chloroethyl Vinyl ether	10.165	63	6135	3.439	ug/l	89
59) 2-Hexanone	11.200	43	13545	3.883	ug/l	78
60) Dibromochloromethane	11.359	129	3213	0.906	ug/l	93
61) 1,2-Dibromoethane	11.476	107	3341	0.978	ug/l	97
64) Tetrachloroethene	11.106	164	3323	1.221	ug/l #	73
65) Chlorobenzene	11.894	112	9127	1.075	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	3353	1.063	ug/l #	58
67) Ethyl Benzene	11.971	91	13296	0.889	ug/l	96
68) m/p-Xylenes	12.076	106	8904	1.609	ug/l	91
69) o-Xylene	12.406	106	3770	0.709	ug/l	91
70) Styrene	12.418	104	4864	0.571	ug/l #	77
71) Bromoform	12.582	173	2152	0.952	ug/l #	90
73) Isopropylbenzene	12.700	105	10151	1.109	ug/l	94
74) N-amyl acetate	12.500	43	3399	0.933	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	4940	1.524	ug/l	92
76) 1,2,3-Trichloropropane	12.994	75	5936	2.163	ug/l	58
77) Bromobenzene	12.982	156	2578	1.197	ug/l	81
78) n-propylbenzene	13.041	91	10122	0.960	ug/l	100
79) 2-Chlorotoluene	13.123	91	6883	1.047	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	6831	0.915	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.747	75	622	0.684	ug/l #	41
82) 4-Chlorotoluene	13.223	91	6405	1.014	ug/l	95
83) tert-Butylbenzene	13.441	119	6253	1.022	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	5990	0.832	ug/l	97
85) sec-Butylbenzene	13.618	105	7922	0.929	ug/l	97
86) p-Isopropyltoluene	13.723	119	5324	0.784	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	3803	1.044	ug/l	91
88) 1,4-Dichlorobenzene	13.818	146	3999	1.102	ug/l	86
89) n-Butylbenzene	14.065	91	4222	0.782	ug/l	93
90) Hexachloroethane	14.335	117	2113	1.472	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	3523	0.994	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.729	75	560	1.120	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	674	0.638	ug/l #	76
94) Hexachlorobutadiene	15.512	225	1383	1.476	ug/l	93
95) Naphthalene	15.647	128	2360	0.770	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.847	180	607	0.515	ug/l #	51

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

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