

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080951.D
 Acq On : 08 Feb 2024 09:48
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 09 01:16:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	454848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	808176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	739002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	322702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	283543	49.416	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	8.165	113	244228	56.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.640%
50) Toluene-d8	10.571	98	859007	54.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.520%
62) 4-Bromofluorobenzene	12.847	95	313741	55.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	218294	42.361	ug/l	99
3) Chloromethane	2.359	50	249213	46.587	ug/l	94
4) Vinyl Chloride	2.512	62	298149	44.302	ug/l	92
5) Bromomethane	2.948	94	190644	44.034	ug/l	99
6) Chloroethane	3.118	64	206492	43.507	ug/l	97
7) Trichlorofluoromethane	3.495	101	401683	45.584	ug/l	97
8) Diethyl Ether	3.959	74	137265	43.600	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	222344	44.855	ug/l	92
10) Methyl Iodide	4.583	142	212202	44.266	ug/l	99
11) Tert butyl alcohol	5.512	59	169214	214.037	ug/l	99
12) 1,1-Dichloroethene	4.336	96	214624	44.012	ug/l	90
13) Acrolein	4.177	56	225124	225.931	ug/l	96
14) Allyl chloride	5.024	41	287875	44.554	ug/l #	86
15) Acrylonitrile	5.712	53	497207	230.080	ug/l	98
16) Acetone	4.418	43	401910	212.902	ug/l	99
17) Carbon Disulfide	4.712	76	524211	42.619	ug/l	99
18) Methyl Acetate	5.024	43	260407	46.457	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	745427	45.891	ug/l	95
20) Methylene Chloride	5.277	84	250052	43.720	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	242424	44.286	ug/l	94
22) Diisopropyl ether	6.665	45	717984	47.941	ug/l #	90
23) Vinyl Acetate	6.600	43	2635646	267.072	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	445300	45.656	ug/l	97
25) 2-Butanone	7.483	43	678181	223.821	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	417619	46.824	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	299729	47.122	ug/l	86
28) Bromochloromethane	7.812	49	186943	46.062	ug/l #	53
29) Tetrahydrofuran	7.841	42	408349	220.428	ug/l #	79
30) Chloroform	7.965	83	503061	46.671	ug/l	98
31) Cyclohexane	8.259	56	320047	40.811	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	442595	47.388	ug/l	93
36) 1,1-Dichloropropene	8.371	75	350496	54.328	ug/l	95
37) Ethyl Acetate	7.559	43	252537	51.732	ug/l	97
38) Carbon Tetrachloride	8.359	117	374178	56.578	ug/l	97
39) Methylcyclohexane	9.600	83	325625	45.286	ug/l #	84
40) Benzene	8.606	78	1059884	53.971	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	153718	52.839	ug/l	91
42) 1,2-Dichloroethane	8.671	62	364627	53.327	ug/l	98
43) Isopropyl Acetate	8.688	43	481810	53.673	ug/l #	92
44) Trichloroethene	9.353	130	280298	46.991	ug/l	97
45) 1,2-Dichloropropane	9.624	63	258232	48.736	ug/l	98
46) Dibromomethane	9.706	93	188293	48.058	ug/l #	89
47) Bromodichloromethane	9.888	83	388520	50.696	ug/l #	98
48) Methyl methacrylate	9.682	41	219236	43.348	ug/l #	85
49) 1,4-Dioxane	9.694	88	79355	849.772	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1388336	256.636	ug/l	91
52) Toluene	10.629	92	687183	52.242	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	413302	55.734	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	439847	52.841	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	269195	52.949	ug/l	92
56) Ethyl methacrylate	10.876	69	371485	61.081	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	448070	54.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	904696	245.022	ug/l #	83
59) 2-Hexanone	11.194	43	1083151	264.170	ug/l	89
60) Dibromochloromethane	11.359	129	293099	56.421	ug/l	98
61) 1,2-Dibromoethane	11.471	107	272264	53.686	ug/l	98
64) Tetrachloroethene	11.106	164	235025	42.134	ug/l	91
65) Chlorobenzene	11.894	112	724354	46.769	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	272307	48.723	ug/l	98
67) Ethyl Benzene	11.965	91	1268173	47.534	ug/l	95
68) m/p-Xylenes	12.070	106	981793	96.862	ug/l	94
69) o-Xylene	12.400	106	482342	49.042	ug/l	94
70) Styrene	12.412	104	819099	55.490	ug/l	96
71) Bromoform	12.582	173	189956	50.746	ug/l #	97
73) Isopropylbenzene	12.694	105	1178479	46.957	ug/l	98
74) N-amyl acetate	12.494	43	421688	46.613	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	350014	44.832	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	265709m	40.383	ug/l	
77) Bromobenzene	12.982	156	293627	46.368	ug/l	72
78) n-propylbenzene	13.035	91	1366162	48.214	ug/l	95
79) 2-Chlorotoluene	13.129	91	835418	46.654	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	968471	47.476	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	127789	52.766	ug/l	95
82) 4-Chlorotoluene	13.223	91	858009	48.025	ug/l	94
83) tert-Butylbenzene	13.441	119	830766	47.777	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	994864	48.966	ug/l	96
85) sec-Butylbenzene	13.617	105	1134549	48.556	ug/l	94
86) p-Isopropyltoluene	13.729	119	949026	48.061	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	529194	46.925	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	534360	46.691	ug/l	97
89) n-Butylbenzene	14.059	91	824403	47.263	ug/l	96
90) Hexachloroethane	14.335	117	153698	49.363	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	516621	47.815	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64895	44.438	ug/l	70
93) 1,2,4-Trichlorobenzene	15.394	180	252420	47.229	ug/l	98
94) Hexachlorobutadiene	15.506	225	108931	47.011	ug/l	93
95) Naphthalene	15.641	128	850466	48.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	244074	46.394	ug/l	98

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

