

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079402.D
 Acq On : 04 Oct 2023 14:46
 Operator : JC\MD
 Sample : VN1004WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1004WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 02:20:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	153699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	245651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120436	58.047	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.100%			
35) Dibromofluoromethane	8.171	113	95917	53.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.340%			
50) Toluene-d8	10.570	98	324300	48.962	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.920%			
62) 4-Bromofluorobenzene	12.853	95	104390	49.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	26226	17.245	ug/l	93
3) Chloromethane	2.365	50	36705	18.386	ug/l	95
4) Vinyl Chloride	2.512	62	42165	19.384	ug/l	100
5) Bromomethane	2.947	94	26882	21.500	ug/l	98
6) Chloroethane	3.118	64	32245	22.643	ug/l	95
7) Trichlorofluoromethane	3.494	101	54687	17.169	ug/l	96
8) Diethyl Ether	3.959	74	21371	19.330	ug/l	59
9) 1,1,2-Trichlorotrifluo...	4.365	101	31783	18.762	ug/l	99
10) Methyl Iodide	4.594	142	32276	23.292	ug/l	99
11) Tert butyl alcohol	5.530	59	35772	93.387	ug/l	98
12) 1,1-Dichloroethene	4.341	96	28368	17.305	ug/l	88
13) Acrolein	4.183	56	38599	105.638	ug/l	94
14) Allyl chloride	5.024	41	47378	18.118	ug/l #	91
15) Acrylonitrile	5.730	53	110205	110.955	ug/l	99
16) Acetone	4.436	43	100398	113.937	ug/l	93
17) Carbon Disulfide	4.712	76	62823	12.262	ug/l	99
18) Methyl Acetate	5.024	43	88668	24.484	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	117119	20.832	ug/l	94
20) Methylene Chloride	5.283	84	42476	19.808	ug/l	88
21) trans-1,2-Dichloroethene	5.788	96	31617	16.626	ug/l #	81
22) Diisopropyl ether	6.677	45	130403	22.728	ug/l #	92
23) Vinyl Acetate	6.612	43	366607	103.881	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	73830	20.874	ug/l	96
25) 2-Butanone	7.488	43	144609	113.107	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	55215	19.023	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	41254	18.973	ug/l	84
28) Bromochloromethane	7.812	49	33797	21.134	ug/l #	71
29) Tetrahydrofuran	7.847	42	92253	113.386	ug/l #	75
30) Chloroform	7.971	83	77396	21.017	ug/l	95
31) Cyclohexane	8.259	56	51548	17.015	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	63826	20.332	ug/l	95
36) 1,1-Dichloropropene	8.376	75	48764	17.538	ug/l	95
37) Ethyl Acetate	7.565	43	57882	20.871	ug/l #	92
38) Carbon Tetrachloride	8.365	117	51176	17.786	ug/l	95
39) Methylcyclohexane	9.606	83	41489	15.127	ug/l #	81
40) Benzene	8.612	78	157696	18.527	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30572	21.864	ug/l #	86
42) 1,2-Dichloroethane	8.676	62	61655	21.041	ug/l	97
43) Isopropyl Acetate	8.694	43	98768	21.827	ug/l #	88
44) Trichloroethene	9.359	130	35092	16.736	ug/l	94
45) 1,2-Dichloropropane	9.629	63	45297	21.444	ug/l	96
46) Dibromomethane	9.718	93	29823	20.797	ug/l	95
47) Bromodichloromethane	9.894	83	61643	20.987	ug/l	98
48) Methyl methacrylate	9.682	41	42626	21.030	ug/l #	79
49) 1,4-Dioxane	9.700	88	16690	400.342	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	309705	117.902	ug/l	87
52) Toluene	10.635	92	97651	18.668	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	60883	19.659	ug/l	95
54) cis-1,3-Dichloropropene	10.317	75	65156	19.670	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	43587	21.236	ug/l	92
56) Ethyl methacrylate	10.876	69	56460	19.487	ug/l #	80
57) 1,3-Dichloropropane	11.164	76	73151	20.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	106923	94.252	ug/l	89
59) 2-Hexanone	11.200	43	214460	112.722	ug/l	87
60) Dibromochloromethane	11.364	129	43948	20.119	ug/l	99
61) 1,2-Dibromoethane	11.476	107	41408	20.216	ug/l	95
64) Tetrachloroethene	11.106	164	29862	16.671	ug/l	91
65) Chlorobenzene	11.894	112	102221	18.369	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.964	131	40344	19.333	ug/l	99
67) Ethyl Benzene	11.970	91	172730	18.146	ug/l	99
68) m/p-Xylenes	12.076	106	130472	36.774	ug/l	96
69) o-Xylene	12.406	106	60702	17.839	ug/l	88
70) Styrene	12.417	104	103410	18.896	ug/l	97
71) Bromoform	12.582	173	30219	19.616	ug/l #	98
73) Isopropylbenzene	12.700	105	162514	17.967	ug/l	98
74) N-amyl acetate	12.500	43	70152	20.442	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	65461	19.435	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	50370m	18.798	ug/l	
77) Bromobenzene	12.982	156	39849	17.398	ug/l	93
78) n-propylbenzene	13.041	91	191849	18.881	ug/l	96
79) 2-Chlorotoluene	13.129	91	119947	18.048	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	133991	17.778	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	16727	17.162	ug/l #	80
82) 4-Chlorotoluene	13.229	91	114913	18.402	ug/l	98
83) tert-Butylbenzene	13.441	119	111481	17.880	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	131508	18.321	ug/l	98
85) sec-Butylbenzene	13.623	105	154640	18.015	ug/l	99
86) p-Isopropyltoluene	13.735	119	121115	17.661	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	66435	17.685	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	64072	16.879	ug/l	99
89) n-Butylbenzene	14.064	91	93713	17.377	ug/l	96
90) Hexachloroethane	14.341	117	25799	18.525	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	65874	17.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9944	19.421	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	16839	12.635	ug/l	92
94) Hexachlorobutadiene	15.505	225	15173	14.473	ug/l	98
95) Naphthalene	15.647	128	44986	11.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	20605	13.107	ug/l	95

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

