

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081340.D
 Acq On : 08 Mar 2024 11:50
 Operator : JC\MD
 Sample : VN0308WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
 Supervised By :Mahesh Dadoda 03/11/2024

Quant Time: Mar 09 00:55:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	305417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	552797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	223273	50.560	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.120%			
35) Dibromofluoromethane	8.171	113	174765	51.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	10.571	98	645903	51.017	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.847	95	222276	49.673	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79617	19.665	ug/l	97
3) Chloromethane	2.359	50	75760	17.323	ug/l	91
4) Vinyl Chloride	2.518	62	81173	17.793	ug/l	96
5) Bromomethane	2.965	94	53565	17.580	ug/l	99
6) Chloroethane	3.124	64	55133	17.595	ug/l	91
7) Trichlorofluoromethane	3.495	101	125233	18.556	ug/l	93
8) Diethyl Ether	3.965	74	44562	18.741	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	68313	17.775	ug/l	92
10) Methyl Iodide	4.595	142	64998	18.481	ug/l	100
11) Tert butyl alcohol	5.518	59	71965	93.198	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	65188	18.315	ug/l	86
13) Acrolein	4.177	56	81614	89.260	ug/l	97
14) Allyl chloride	5.024	41	98106	18.573	ug/l	95
15) Acrylonitrile	5.724	53	189994	94.185	ug/l	96
16) Acetone	4.418	43	143621	91.794	ug/l	96
17) Carbon Disulfide	4.712	76	176334	17.358	ug/l	100
18) Methyl Acetate	5.018	43	95253	21.264	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	233047	19.306	ug/l	100
20) Methylene Chloride	5.277	84	77820	19.643	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	67181	16.742	ug/l	96
22) Diisopropyl ether	6.671	45	233988	19.944	ug/l	96
23) Vinyl Acetate	6.606	43	899656	94.392	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	136619	19.023	ug/l #	92
25) 2-Butanone	7.488	43	249719	95.304	ug/l	94
26) 2,2-Dichloropropane	7.494	77	115964	18.270	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	82074	18.040	ug/l	91
28) Bromochloromethane	7.818	49	58070	18.897	ug/l #	69
29) Tetrahydrofuran	7.841	42	168559	94.339	ug/l	89
30) Chloroform	7.965	83	139940	18.777	ug/l	98
31) Cyclohexane	8.259	56	120781	18.065	ug/l #	85
32) 1,1,1-Trichloroethane	8.165	97	126704	19.234	ug/l	92
36) 1,1-Dichloropropene	8.371	75	102735	18.802	ug/l	97
37) Ethyl Acetate	7.559	43	101480	19.000	ug/l	97
38) Carbon Tetrachloride	8.359	117	105556	19.195	ug/l	99
39) Methylcyclohexane	9.606	83	113522	18.053	ug/l #	91
40) Benzene	8.606	78	305376	18.724	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	57446	19.045	ug/l	96
42) 1,2-Dichloroethane	8.671	62	113194	19.685	ug/l	99
43) Isopropyl Acetate	8.688	43	178717	19.117	ug/l	98
44) Trichloroethene	9.347	130	78382	19.055	ug/l	88
45) 1,2-Dichloropropane	9.624	63	79225	19.337	ug/l	92
46) Dibromomethane	9.706	93	57468	19.900	ug/l	94
47) Bromodichloromethane	9.888	83	111490	19.887	ug/l #	97
48) Methyl methacrylate	9.682	41	76900	18.609	ug/l	87
49) 1,4-Dioxane	9.694	88	34384	377.512	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	538637	99.228	ug/l	98
52) Toluene	10.629	92	185350	18.813	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	117221	19.325	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	128456	19.617	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	77532	19.845	ug/l	94
56) Ethyl methacrylate	10.876	69	111939	19.954	ug/l	92
57) 1,3-Dichloropropane	11.165	76	134264	19.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	298108	98.787	ug/l #	89
59) 2-Hexanone	11.200	43	399927	98.550	ug/l	96
60) Dibromochloromethane	11.359	129	81227	20.188	ug/l	100
61) 1,2-Dibromoethane	11.471	107	76915	18.974	ug/l	94
64) Tetrachloroethene	11.106	164	76123	19.009	ug/l	88
65) Chlorobenzene	11.894	112	204620	18.986	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	75723	19.201	ug/l	97
67) Ethyl Benzene	11.965	91	360190	18.554	ug/l	98
68) m/p-Xylenes	12.070	106	271440	37.152	ug/l	96
69) o-Xylene	12.400	106	132030	18.646	ug/l	96
70) Styrene	12.412	104	216393	19.285	ug/l	98
71) Bromoform	12.582	173	51128	18.674	ug/l #	94
73) Isopropylbenzene	12.694	105	343360	18.646	ug/l	98
74) N-amyl acetate	12.494	43	144966	18.762	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	105706	18.601	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	97826m	18.162	ug/l	
77) Bromobenzene	12.982	156	80367	18.407	ug/l	79
78) n-propylbenzene	13.035	91	413965	19.007	ug/l	97
79) 2-Chlorotoluene	13.129	91	242772	18.236	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	295386	19.405	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35817	18.558	ug/l	87
82) 4-Chlorotoluene	13.223	91	243056	18.484	ug/l	98
83) tert-Butylbenzene	13.441	119	243913	18.691	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	294519	19.097	ug/l	97
85) sec-Butylbenzene	13.617	105	357149	18.917	ug/l	94
86) p-Isopropyltoluene	13.729	119	293362	19.376	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	148906	18.062	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	148771	18.055	ug/l	96
89) n-Butylbenzene	14.059	91	256845	18.499	ug/l	97
90) Hexachloroethane	14.335	117	49479	18.666	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	143375	18.126	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21705	17.848	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	78339	18.529	ug/l	98
94) Hexachlorobutadiene	15.506	225	29039	16.622	ug/l	99
95) Naphthalene	15.641	128	277578	18.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	79693	18.587	ug/l	98

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

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