

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083428.D
 Acq On : 22 Aug 2024 12:08
 Operator : JC\MD
 Sample : VN0822WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 23 01:39:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	141287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118709	59.028	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.060%			
35) Dibromofluoromethane	8.165	113	86224	56.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.240%			
50) Toluene-d8	10.565	98	301526	52.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.220%			
62) 4-Bromofluorobenzene	12.847	95	120768	54.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33296	20.781	ug/l	99
3) Chloromethane	2.359	50	34711	21.161	ug/l	97
4) Vinyl Chloride	2.518	62	35608	21.274	ug/l	99
5) Bromomethane	2.906	94	17416	16.769	ug/l	99
6) Chloroethane	3.077	64	25489	24.341	ug/l	97
7) Trichlorofluoromethane	3.477	101	59488	21.514	ug/l	98
8) Diethyl Ether	3.965	74	21773	21.161	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	33093	21.708	ug/l	98
10) Methyl Iodide	4.583	142	39725	19.810	ug/l	94
11) Tert butyl alcohol	5.547	59	37755	90.337	ug/l #	84
12) 1,1-Dichloroethene	4.330	96	30341	19.372	ug/l	95
13) Acrolein	4.177	56	23323	85.625	ug/l	98
14) Allyl chloride	5.018	41	55144	18.632	ug/l	91
15) Acrylonitrile	5.718	53	85899	99.935	ug/l	98
16) Acetone	4.436	43	74042	94.091	ug/l	96
17) Carbon Disulfide	4.700	76	79500	17.348	ug/l	99
18) Methyl Acetate	5.024	43	55061	23.484	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	120480	21.312	ug/l	94
20) Methylene Chloride	5.271	84	36782	20.310	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	30803	19.029	ug/l	98
22) Diisopropyl ether	6.671	45	121326	21.808	ug/l	96
23) Vinyl Acetate	6.600	43	605133	106.118	ug/l	95
24) 1,1-Dichloroethane	6.565	63	66861	22.048	ug/l	99
25) 2-Butanone	7.488	43	113794	94.177	ug/l	94
26) 2,2-Dichloropropane	7.483	77	57374	20.373	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	40792	20.883	ug/l	93
28) Bromochloromethane	7.806	49	35922	28.986	ug/l #	83
29) Tetrahydrofuran	7.841	42	73916	94.633	ug/l #	88
30) Chloroform	7.965	83	69285	21.992	ug/l	97
31) Cyclohexane	8.253	56	55965	18.779	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	61993	20.788	ug/l	94
36) 1,1-Dichloropropene	8.371	75	45846	19.724	ug/l	99
37) Ethyl Acetate	7.559	43	49437	18.996	ug/l	95
38) Carbon Tetrachloride	8.359	117	52593	20.089	ug/l	98
39) Methylcyclohexane	9.600	83	51605	18.076	ug/l	96
40) Benzene	8.606	78	144926	20.930	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27334	18.472	ug/l	97
42) 1,2-Dichloroethane	8.671	62	56620	22.447	ug/l	99
43) Isopropyl Acetate	8.688	43	84689	17.318	ug/l #	94
44) Trichloroethene	9.353	130	33276	20.190	ug/l	100
45) 1,2-Dichloropropane	9.624	63	35816	21.791	ug/l	98
46) Dibromomethane	9.706	93	26350	22.397	ug/l	97
47) Bromodichloromethane	9.888	83	55091	20.855	ug/l	97
48) Methyl methacrylate	9.682	41	40920	19.018	ug/l	94
49) 1,4-Dioxane	9.694	88	14143	364.347	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	237669	96.573	ug/l	95
52) Toluene	10.629	92	87788	20.066	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	55238	20.357	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	58728	20.348	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	34319	21.889	ug/l	96
56) Ethyl methacrylate	10.876	69	54683	18.500	ug/l	89
57) 1,3-Dichloropropane	11.165	76	60010	21.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	122398	97.965	ug/l	97
59) 2-Hexanone	11.200	43	176016	92.448	ug/l	93
60) Dibromochloromethane	11.359	129	38621	20.374	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33677	20.447	ug/l	99
64) Tetrachloroethene	11.106	164	26260	18.389	ug/l	94
65) Chlorobenzene	11.888	112	93977	19.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32973	19.620	ug/l	97
67) Ethyl Benzene	11.965	91	165937	18.983	ug/l	99
68) m/p-Xylenes	12.071	106	122463	37.400	ug/l	97
69) o-Xylene	12.400	106	59873	18.540	ug/l	95
70) Styrene	12.412	104	103805	19.138	ug/l	99
71) Bromoform	12.582	173	24192	19.002	ug/l #	97
73) Isopropylbenzene	12.694	105	155290	17.273	ug/l	100
74) N-amyl acetate	12.494	43	71307	16.215	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	48438	19.049	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44301m	18.779	ug/l	
77) Bromobenzene	12.976	156	37586	18.820	ug/l	96
78) n-propylbenzene	13.035	91	176804	17.079	ug/l	100
79) 2-Chlorotoluene	13.123	91	118736	18.091	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	133563	17.745	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	16322	15.050	ug/l	96
82) 4-Chlorotoluene	13.223	91	119878	18.209	ug/l	97
83) tert-Butylbenzene	13.435	119	117425	17.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	135361	17.845	ug/l	98
85) sec-Butylbenzene	13.617	105	157513	17.318	ug/l	99
86) p-Isopropyltoluene	13.729	119	131242	17.476	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	70446	18.746	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	69106	18.241	ug/l	96
89) n-Butylbenzene	14.053	91	108313	16.645	ug/l	100
90) Hexachloroethane	14.335	117	24490	16.879	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	67874	18.665	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9768	15.831	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	33033	16.214	ug/l	96
94) Hexachlorobutadiene	15.500	225	13894	15.335	ug/l	97
95) Naphthalene	15.641	128	113256	15.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34137	16.934	ug/l	96

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

