

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083371.D
 Acq On : 19 Aug 2024 14:39
 Operator : JC\MD
 Sample : VN0819WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD01

Quant Time: Aug 20 04:45:12 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
 Supervised By :Mahesh Dadoda 08/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126736	57.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.920%			
35) Dibromofluoromethane	8.171	113	93410	54.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.780%			
50) Toluene-d8	10.570	98	333714	52.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.847	95	129072	52.156	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31033	17.660	ug/l	95
3) Chloromethane	2.365	50	33546	18.646	ug/l	98
4) Vinyl Chloride	2.512	62	35169	19.158	ug/l	97
5) Bromomethane	2.959	94	20925	18.370	ug/l	92
6) Chloroethane	3.118	64	22619	19.695	ug/l	97
7) Trichlorofluoromethane	3.494	101	59780	19.713	ug/l	97
8) Diethyl Ether	3.965	74	21379	18.945	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	32964	19.716	ug/l	99
10) Methyl Iodide	4.589	142	33848	15.390	ug/l #	91
11) Tert butyl alcohol	5.530	59	44685	97.486	ug/l	98
12) 1,1-Dichloroethene	4.336	96	31722	18.467	ug/l	96
13) Acrolein	4.177	56	11069	37.052	ug/l	98
14) Allyl chloride	5.024	41	51369	15.825	ug/l	94
15) Acrylonitrile	5.724	53	99002	105.019	ug/l	99
16) Acetone	4.430	43	86575	100.312	ug/l	98
17) Carbon Disulfide	4.712	76	75758	15.073	ug/l	99
18) Methyl Acetate	5.030	43	60517	23.534	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	124104	20.016	ug/l	97
20) Methylene Chloride	5.277	84	37862	19.062	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	31985	18.016	ug/l	90
22) Diisopropyl ether	6.671	45	122681	20.106	ug/l	94
23) Vinyl Acetate	6.606	43	622023m	99.457	ug/l	
24) 1,1-Dichloroethane	6.571	63	67244	20.219	ug/l	98
25) 2-Butanone	7.482	43	137060	103.426	ug/l	94
26) 2,2-Dichloropropane	7.488	77	58753	19.022	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	42300	19.745	ug/l	92
28) Bromochloromethane	7.812	49	26799	19.717	ug/l	88
29) Tetrahydrofuran	7.841	42	90298	105.408	ug/l	90
30) Chloroform	7.971	83	73400	21.243	ug/l	98
31) Cyclohexane	8.253	56	57737	17.664	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	67760	20.718	ug/l	91
36) 1,1-Dichloropropene	8.371	75	47170	18.324	ug/l	98
37) Ethyl Acetate	7.565	43	54716	18.984	ug/l #	93
38) Carbon Tetrachloride	8.365	117	56360	19.439	ug/l	99
39) Methylcyclohexane	9.600	83	52965	16.751	ug/l	94
40) Benzene	8.606	78	148742	19.396	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	30986	18.908	ug/l	95
42) 1,2-Dichloroethane	8.671	62	59445	21.279	ug/l	100
43) Isopropyl Acetate	8.694	43	99574	18.500	ug/l #	94
44) Trichloroethene	9.353	130	35214	19.292	ug/l	97
45) 1,2-Dichloropropane	9.623	63	37836	20.785	ug/l	97
46) Dibromomethane	9.712	93	27310	20.960	ug/l	99
47) Bromodichloromethane	9.888	83	59278	20.262	ug/l	99
48) Methyl methacrylate	9.682	41	45701	19.179	ug/l	93
49) 1,4-Dioxane	9.700	88	17913	416.678	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	290215	106.478	ug/l	95
52) Toluene	10.629	92	94661	19.536	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	58673	19.524	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	60119	18.808	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	36472	21.004	ug/l	98
56) Ethyl methacrylate	10.876	69	62114	18.975	ug/l	88
57) 1,3-Dichloropropane	11.165	76	65216	21.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	134906	97.496	ug/l	96
59) 2-Hexanone	11.194	43	218635	103.686	ug/l	94
60) Dibromochloromethane	11.359	129	44597	21.243	ug/l	96
61) 1,2-Dibromoethane	11.470	107	36376	19.942	ug/l	95
64) Tetrachloroethene	11.100	164	29259	18.329	ug/l	94
65) Chlorobenzene	11.894	112	103038	19.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	37036	19.715	ug/l	99
67) Ethyl Benzene	11.965	91	180437	18.466	ug/l	99
68) m/p-Xylenes	12.070	106	135497	37.017	ug/l	97
69) o-Xylene	12.400	106	67097	18.586	ug/l	99
70) Styrene	12.412	104	113234	18.675	ug/l	98
71) Bromoform	12.582	173	27797	19.532	ug/l #	98
73) Isopropylbenzene	12.694	105	176424	18.705	ug/l	100
74) N-amyl acetate	12.494	43	80658	17.483	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	54020	20.250	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	49809m	20.125	ug/l	
77) Bromobenzene	12.982	156	40195	19.184	ug/l	94
78) n-propylbenzene	13.035	91	204577	18.836	ug/l	100
79) 2-Chlorotoluene	13.123	91	128030	18.593	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	147819	18.719	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17776	15.623	ug/l	92
82) 4-Chlorotoluene	13.223	91	129077	18.688	ug/l	98
83) tert-Butylbenzene	13.441	119	128002	18.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	153066	19.234	ug/l	98
85) sec-Butylbenzene	13.617	105	176890	18.538	ug/l	99
86) p-Isopropyltoluene	13.729	119	144342	18.320	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	73246	18.578	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	74550	18.756	ug/l	97
89) n-Butylbenzene	14.059	91	121664	17.821	ug/l	98
90) Hexachloroethane	14.335	117	27902	18.330	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	71760	18.809	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12508	19.322	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38477	18.002	ug/l	98
94) Hexachlorobutadiene	15.500	225	16274	17.120	ug/l	98
95) Naphthalene	15.641	128	137390	18.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38265	18.093	ug/l	97

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

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