

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078896.D
 Acq On : 16 Aug 2023 12:27
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Quant Time: Aug 17 01:14:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/17/2023
 Supervised By : Mahesh Dadoda 08/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	150363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	245357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128046	54.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.460%	
35) Dibromofluoromethane	8.171	113	97799	54.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.620%	
50) Toluene-d8	10.571	98	364737	55.048	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.853	95	114864	53.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	37346	17.900	ug/l	94
3) Chloromethane	2.365	50	50935	17.486	ug/l	97
4) Vinyl Chloride	2.512	62	48612	19.029	ug/l	98
5) Bromomethane	2.948	94	29243	19.938	ug/l	93
6) Chloroethane	3.112	64	34042	19.062	ug/l	99
7) Trichlorofluoromethane	3.501	101	59202	19.027	ug/l	93
8) Diethyl Ether	3.971	74	22701	19.245	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	32622	19.685	ug/l	98
10) Methyl Iodide	4.595	142	33955	18.313	ug/l	96
11) Tert butyl alcohol	5.530	59	38316	97.591	ug/l	98
12) 1,1-Dichloroethene	4.336	96	29753	18.431	ug/l #	84
13) Acrolein	4.189	56	23657	100.064	ug/l	95
14) Allyl chloride	5.024	41	53933	16.787	ug/l #	89
15) Acrylonitrile	5.724	53	108568	102.073	ug/l	99
16) Acetone	4.436	43	92898	96.225	ug/l	89
17) Carbon Disulfide	4.718	76	79740	17.647	ug/l #	94
18) Methyl Acetate	5.036	43	80795	19.810	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	117948	20.284	ug/l	100
20) Methylene Chloride	5.277	84	39719	19.306	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	35594	19.663	ug/l	90
22) Diisopropyl ether	6.677	45	137638	20.250	ug/l #	92
23) Vinyl Acetate	6.606	43	425190	95.008	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	72209	19.447	ug/l	98
25) 2-Butanone	7.494	43	149924	96.860	ug/l #	74
26) 2,2-Dichloropropane	7.494	77	52447	17.474	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	40855	18.569	ug/l	83
28) Bromochloromethane	7.818	49	42088	21.368	ug/l #	70
29) Tetrahydrofuran	7.847	42	100170	97.774	ug/l #	71
30) Chloroform	7.971	83	73458	19.802	ug/l	95
31) Cyclohexane	8.259	56	56888	17.794	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	60830	19.232	ug/l	94
36) 1,1-Dichloropropene	8.377	75	50950	18.981	ug/l	98
37) Ethyl Acetate	7.571	43	66593	22.173	ug/l #	87
38) Carbon Tetrachloride	8.365	117	52494	19.517	ug/l	91
39) Methylcyclohexane	9.606	83	44768	18.134	ug/l #	79
40) Benzene	8.612	78	158324	19.955	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	32939	20.137	ug/l #	80
42) 1,2-Dichloroethane	8.683	62	62276	21.009	ug/l	99
43) Isopropyl Acetate	8.694	43	100806	18.990	ug/l #	87
44) Trichloroethene	9.359	130	36116	19.157	ug/l	92
45) 1,2-Dichloropropane	9.630	63	43026	20.368	ug/l	94
46) Dibromomethane	9.712	93	29429	20.311	ug/l	97
47) Bromodichloromethane	9.894	83	60020	20.978	ug/l	98
48) Methyl methacrylate	9.688	41	46182	19.199	ug/l #	78
49) 1,4-Dioxane	9.700	88	16612	405.442	ug/l #	80
51) 4-Methyl-2-Pentanone	10.453	43	316817	100.628	ug/l	87
52) Toluene	10.635	92	95894	19.686	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	61205	19.948	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	65555	19.618	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	41270	21.130	ug/l	97
56) Ethyl methacrylate	10.883	69	58487	19.317	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	71673	20.516	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	152229	104.741	ug/l #	87
59) 2-Hexanone	11.200	43	224627	98.504	ug/l	86
60) Dibromochloromethane	11.365	129	41334	20.110	ug/l	99
61) 1,2-Dibromoethane	11.477	107	39658	19.980	ug/l	99
64) Tetrachloroethene	11.106	164	27165	17.655	ug/l	95
65) Chlorobenzene	11.894	112	101567	19.447	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	37307	18.902	ug/l	96
67) Ethyl Benzene	11.971	91	174522	18.375	ug/l	99
68) m/p-Xylenes	12.071	106	133927	37.715	ug/l	95
69) o-Xylene	12.400	106	65656	19.007	ug/l	95
70) Styrene	12.418	104	106021	18.407	ug/l	97
71) Bromoform	12.582	173	27587	19.225	ug/l #	98
73) Isopropylbenzene	12.700	105	159323	18.875	ug/l	99
74) N-amyl acetate	12.500	43	80236	18.832	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	61147	20.063	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	47882m	19.630	ug/l	
77) Bromobenzene	12.988	156	37981	18.719	ug/l	88
78) n-propylbenzene	13.041	91	190544	19.467	ug/l	96
79) 2-Chlorotoluene	13.129	91	117105	19.287	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	129418	19.347	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17327	18.146	ug/l #	78
82) 4-Chlorotoluene	13.229	91	112375	18.915	ug/l	100
83) tert-Butylbenzene	13.441	119	102727	18.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	128838	19.452	ug/l	99
85) sec-Butylbenzene	13.624	105	142597	18.436	ug/l	100
86) p-Isopropyltoluene	13.735	119	117375	18.994	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	67244	19.260	ug/l	95
88) 1,4-Dichlorobenzene	13.818	146	63768	18.248	ug/l	97
89) n-Butylbenzene	14.065	91	91350	17.963	ug/l	99
90) Hexachloroethane	14.335	117	23491	18.964	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	64618	18.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10761	18.630	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	19574	15.903	ug/l	94
94) Hexachlorobutadiene	15.512	225	10669	14.815	ug/l	90
95) Naphthalene	15.647	128	59540	14.680	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	20803	15.432	ug/l	95

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

