

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083451.D
 Acq On : 23 Aug 2024 11:14
 Operator : JC\MD
 Sample : VN0823WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 23:55:54 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	8.218	168	137677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113309	57.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.640%			
35) Dibromofluoromethane	8.165	113	82674	55.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.500%			
50) Toluene-d8	10.565	98	289976	51.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.847	95	113906	52.342	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27023	17.308	ug/l	97
3) Chloromethane	2.359	50	32732	20.478	ug/l	97
4) Vinyl Chloride	2.518	62	34518	21.164	ug/l	98
5) Bromomethane	2.901	94	17971	17.757	ug/l	100
6) Chloroethane	3.071	64	25118	24.615	ug/l	100
7) Trichlorofluoromethane	3.465	101	58880	21.853	ug/l	96
8) Diethyl Ether	3.953	74	21909	21.852	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.359	101	31816	21.418	ug/l	99
10) Methyl Iodide	4.583	142	42019	21.503	ug/l #	97
11) Tert butyl alcohol	5.542	59	36347	89.248	ug/l #	94
12) 1,1-Dichloroethene	4.324	96	31630	20.725	ug/l	87
13) Acrolein	4.177	56	27564	103.848	ug/l	99
14) Allyl chloride	5.006	41	56672	19.650	ug/l	90
15) Acrylonitrile	5.718	53	83751	99.991	ug/l	97
16) Acetone	4.430	43	72834	94.982	ug/l	95
17) Carbon Disulfide	4.695	76	83087	18.606	ug/l	96
18) Methyl Acetate	5.024	43	46086	20.172	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	115191	20.911	ug/l	98
20) Methylene Chloride	5.265	84	35877	20.329	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	32463	20.580	ug/l	93
22) Diisopropyl ether	6.671	45	119815	22.101	ug/l #	94
23) Vinyl Acetate	6.600	43	587997	105.817	ug/l	96
24) 1,1-Dichloroethane	6.559	63	66610	22.542	ug/l	100
25) 2-Butanone	7.483	43	109596	93.081	ug/l	93
26) 2,2-Dichloropropane	7.483	77	56242	20.495	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	40408	21.229	ug/l	93
28) Bromochloromethane	7.806	49	25801	21.365	ug/l	89
29) Tetrahydrofuran	7.841	42	72634	95.430	ug/l	90
30) Chloroform	7.959	83	69647	22.686	ug/l	97
31) Cyclohexane	8.259	56	57555	19.818	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	64780	22.293	ug/l	95
36) 1,1-Dichloropropene	8.371	75	45600	20.144	ug/l	99
37) Ethyl Acetate	7.559	43	45652	18.012	ug/l #	94
38) Carbon Tetrachloride	8.359	117	54529	21.387	ug/l	98
39) Methylcyclohexane	9.600	83	53235	19.147	ug/l	96
40) Benzene	8.606	78	148246	21.983	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27091	18.799	ug/l	95
42) 1,2-Dichloroethane	8.671	62	57328	23.337	ug/l	99
43) Isopropyl Acetate	8.688	43	80867	16.944	ug/l #	92
44) Trichloroethene	9.353	130	33601	20.934	ug/l	96
45) 1,2-Dichloropropane	9.618	63	35684	22.292	ug/l	98
46) Dibromomethane	9.706	93	25359	22.133	ug/l	98
47) Bromodichloromethane	9.888	83	54198	21.067	ug/l	97
48) Methyl methacrylate	9.677	41	39631	18.913	ug/l	95
49) 1,4-Dioxane	9.700	88	13363	353.483	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	229896	95.919	ug/l	93
52) Toluene	10.630	92	89854	21.088	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52271	19.780	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	57654	20.512	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	33326	21.825	ug/l	94
56) Ethyl methacrylate	10.877	69	55123	19.149	ug/l	88
57) 1,3-Dichloropropane	11.165	76	58649	21.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	109304	89.830	ug/l	98
59) 2-Hexanone	11.194	43	169577	91.454	ug/l	94
60) Dibromochloromethane	11.359	129	37973	20.569	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32837	20.471	ug/l	94
64) Tetrachloroethene	11.100	164	28181	20.241	ug/l	97
65) Chlorobenzene	11.894	112	93093	20.038	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33919	20.702	ug/l	98
67) Ethyl Benzene	11.959	91	170627	20.021	ug/l	93
68) m/p-Xylenes	12.071	106	128625	40.290	ug/l	99
69) o-Xylene	12.400	106	63113	20.045	ug/l	100
70) Styrene	12.412	104	103128	19.501	ug/l	97
71) Bromoform	12.576	173	23035	18.558	ug/l #	100
73) Isopropylbenzene	12.694	105	158979	18.231	ug/l	100
74) N-amyl acetate	12.494	43	71264	16.707	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	48928	19.838	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	36028m	15.745	ug/l	
77) Bromobenzene	12.982	156	37703	19.463	ug/l	98
78) n-propylbenzene	13.035	91	181591	18.084	ug/l	99
79) 2-Chlorotoluene	13.123	91	117115	18.397	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	136958	18.760	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	15138	14.391	ug/l	96
82) 4-Chlorotoluene	13.223	91	118732	18.594	ug/l	98
83) tert-Butylbenzene	13.435	119	119349	18.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138275	18.794	ug/l	98
85) sec-Butylbenzene	13.618	105	155876	17.669	ug/l	100
86) p-Isopropyltoluene	13.729	119	131850	18.101	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	69922	19.183	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	71690	19.509	ug/l	96
89) n-Butylbenzene	14.059	91	108510	17.192	ug/l	99
90) Hexachloroethane	14.335	117	25314	17.988	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	69105	19.592	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9999	16.707	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	33864	17.137	ug/l	98
94) Hexachlorobutadiene	15.500	225	14347	16.325	ug/l	98
95) Naphthalene	15.641	128	112981	16.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33573	17.170	ug/l	97

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

