

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083367.D
 Acq On : 19 Aug 2024 11:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 20 04:42:41 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	172122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131386	53.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.260%			
35) Dibromofluoromethane	8.165	113	96420	52.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.140%			
50) Toluene-d8	10.565	98	353972	51.734	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.847	95	140275	52.587	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92622	47.453	ug/l	98
3) Chloromethane	2.359	50	94447	47.263	ug/l	98
4) Vinyl Chloride	2.512	62	102460	50.248	ug/l	99
5) Bromomethane	2.948	94	58190	45.991	ug/l	92
6) Chloroethane	3.112	64	66873	52.420	ug/l	97
7) Trichlorofluoromethane	3.495	101	177971	52.834	ug/l	92
8) Diethyl Ether	3.959	74	63276	50.481	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	98140	52.844	ug/l	100
10) Methyl Iodide	4.583	142	107002	43.800	ug/l	96
11) Tert butyl alcohol	5.524	59	109673	215.405	ug/l	99
12) 1,1-Dichloroethene	4.342	96	92250	48.349	ug/l	91
13) Acrolein	4.177	56	34170	102.973	ug/l	100
14) Allyl chloride	5.024	41	172114	47.735	ug/l	89
15) Acrylonitrile	5.712	53	270822	258.631	ug/l	98
16) Acetone	4.424	43	247229	257.889	ug/l	100
17) Carbon Disulfide	4.712	76	223381	40.012	ug/l	99
18) Methyl Acetate	5.024	43	162749	56.980	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	360356	52.325	ug/l	98
20) Methylene Chloride	5.277	84	107197	48.586	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	96613	48.992	ug/l	91
22) Diisopropyl ether	6.671	45	362023	53.415	ug/l	95
23) Vinyl Acetate	6.600	43	1826085m	262.861	ug/l	
24) 1,1-Dichloroethane	6.571	63	199796	54.083	ug/l	99
25) 2-Butanone	7.483	43	377107	256.187	ug/l	92
26) 2,2-Dichloropropane	7.488	77	190226	55.447	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	122308	51.398	ug/l	95
28) Bromochloromethane	7.812	49	77898	51.597	ug/l	87
29) Tetrahydrofuran	7.841	42	242146	254.476	ug/l	89
30) Chloroform	7.965	83	214076	55.777	ug/l	97
31) Cyclohexane	8.259	56	159458	43.919	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	195719	53.874	ug/l	96
36) 1,1-Dichloropropene	8.371	75	141011	50.820	ug/l	99
37) Ethyl Acetate	7.559	43	148708	47.866	ug/l #	96
38) Carbon Tetrachloride	8.359	117	167502	53.597	ug/l	97
39) Methylcyclohexane	9.600	83	165751	48.635	ug/l	99
40) Benzene	8.606	78	440008	53.231	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	85769	48.555	ug/l	93
42) 1,2-Dichloroethane	8.671	62	164962	54.784	ug/l	98
43) Isopropyl Acetate	8.688	43	279244	51.960	ug/l #	94
44) Trichloroethene	9.353	130	99861	50.756	ug/l	84
45) 1,2-Dichloropropane	9.624	63	108858	55.480	ug/l	97
46) Dibromomethane	9.706	93	78829	56.129	ug/l	99
47) Bromodichloromethane	9.888	83	174328	55.282	ug/l	99
48) Methyl methacrylate	9.682	41	128812	50.151	ug/l	91
49) 1,4-Dioxane	9.694	88	46308	999.349	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	785486	267.367	ug/l	92
52) Toluene	10.629	92	282304	54.053	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	181838	56.137	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	184159	53.451	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	107387	57.375	ug/l	97
56) Ethyl methacrylate	10.876	69	185494	52.571	ug/l	88
57) 1,3-Dichloropropane	11.165	76	186473	55.896	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	371615	249.160	ug/l	96
59) 2-Hexanone	11.194	43	589752	259.478	ug/l	92
60) Dibromochloromethane	11.359	129	132356	58.489	ug/l	97
61) 1,2-Dibromoethane	11.471	107	108241	55.051	ug/l	99
64) Tetrachloroethene	11.100	164	89501	52.383	ug/l	97
65) Chlorobenzene	11.894	112	304948	53.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	109957	54.685	ug/l	99
67) Ethyl Benzene	11.965	91	553315	52.905	ug/l	99
68) m/p-Xylenes	12.070	106	419315	107.029	ug/l	98
69) o-Xylene	12.400	106	205471	53.176	ug/l	99
70) Styrene	12.412	104	357557	55.096	ug/l	98
71) Bromoform	12.576	173	85444	56.093	ug/l #	98
73) Isopropylbenzene	12.694	105	535547	49.657	ug/l	100
74) N-amyl acetate	12.494	43	243002	46.064	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	151940	49.811	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	140765m	49.742	ug/l	
77) Bromobenzene	12.982	156	122155	50.988	ug/l	97
78) n-propylbenzene	13.035	91	637985	51.374	ug/l	100
79) 2-Chlorotoluene	13.123	91	396349	50.341	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	463266	51.308	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	58672	45.099	ug/l	97
82) 4-Chlorotoluene	13.223	91	399817	50.626	ug/l	97
83) tert-Butylbenzene	13.435	119	401516	50.214	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	463259	50.911	ug/l	100
85) sec-Butylbenzene	13.617	105	556906	51.042	ug/l	99
86) p-Isopropyltoluene	13.729	119	467596	51.904	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	231442	51.340	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	227888	50.144	ug/l	98
89) n-Butylbenzene	14.059	91	410788	52.624	ug/l	99
90) Hexachloroethane	14.335	117	87386	50.208	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	220974	50.655	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34831	47.057	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	123914	50.703	ug/l	99
94) Hexachlorobutadiene	15.500	225	50083	46.079	ug/l	98
95) Naphthalene	15.641	128	411840	47.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120989	50.032	ug/l	97

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

