

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074910.D
 Acq On : 17 Oct 2022 11:48
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 17 12:22:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 11:33:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	305017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	589986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	37502	5.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.160%#		
35) Dibromofluoromethane	8.177	113	29375	4.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.880%#		
50) Toluene-d8	10.570	98	120351	4.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.820%#		
62) 4-Bromofluorobenzene	12.847	95	31329	4.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.980%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	27005	4.615	ug/l	94
3) Chloromethane	2.389	50	54101	6.220	ug/l	98
4) Vinyl Chloride	2.530	62	70249	5.501	ug/l	98
5) Bromomethane	2.924	94	57308	5.816	ug/l	90
6) Chloroethane	3.112	64	51556	5.101	ug/l	97
7) Trichlorofluoromethane	3.500	101	43792	4.931	ug/l	92
8) Diethyl Ether	3.983	74	21816	5.346	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	28341	5.048	ug/l #	87
10) Methyl Iodide	4.612	142	40615	6.534	ug/l #	94
11) Tert butyl alcohol	5.565	59	48245	26.544	ug/l	99
12) 1,1-Dichloroethene	4.347	96	28621	5.446	ug/l #	85
13) Acrolein	4.206	56	45989	23.913	ug/l	96
14) Allyl chloride	5.041	41	43521	4.195	ug/l	95
15) Acrylonitrile	5.747	53	119006	26.752	ug/l	99
16) Acetone	4.459	43	104048	27.333	ug/l	100
17) Carbon Disulfide	4.724	76	71854	5.389	ug/l	96
18) Methyl Acetate	5.059	43	84194	6.177	ug/l	98
19) Methyl tert-butyl Ether	5.830	73	103174	4.973	ug/l	100
20) Methylene Chloride	5.294	84	36859	4.946	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	28582	4.914	ug/l	87
22) Diisopropyl ether	6.688	45	110597	4.658	ug/l #	88
23) Vinyl Acetate	6.624	43	407710	23.402	ug/l	98
24) 1,1-Dichloroethane	6.582	63	63670	4.983	ug/l	96
25) 2-Butanone	7.500	43	159574	25.457	ug/l	98
26) 2,2-Dichloropropane	7.494	77	47676	4.652	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	38506	5.330	ug/l	89
28) Bromochloromethane	7.824	49	26555	4.948	ug/l	97
29) Tetrahydrofuran	7.853	42	104088	25.294	ug/l	98
30) Chloroform	7.982	83	59023	4.990	ug/l	95
31) Cyclohexane	8.271	56	66086	6.026	ug/l #	83
32) 1,1,1-Trichloroethane	8.177	97	50621	5.040	ug/l	95
36) 1,1-Dichloropropene	8.377	75	40837	4.687	ug/l	92
37) Ethyl Acetate	7.577	43	60813	4.609	ug/l	97
38) Carbon Tetrachloride	8.371	117	39508	4.797	ug/l #	84
39) Methylcyclohexane	9.606	83	48806	4.646	ug/l	94
40) Benzene	8.618	78	139956	4.884	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	29594	4.648	ug/l #	75
42) 1,2-Dichloroethane	8.682	62	49589	5.298	ug/l	99
43) Isopropyl Acetate	8.700	43	97190	4.882	ug/l	99
44) Trichloroethene	9.359	130	29717	4.956	ug/l	100
45) 1,2-Dichloropropane	9.629	63	37647	4.881	ug/l	99
46) Dibromomethane	9.718	93	25391	5.141	ug/l	97
47) Bromodichloromethane	9.894	83	46857	4.944	ug/l	96
48) Methyl methacrylate	9.612	41	47169	5.088	ug/l #	60
49) 1,4-Dioxane	9.706	88	16305	96.527	ug/l #	69
51) 4-Methyl-2-Pentanone	10.453	43	317725	24.821	ug/l	99
52) Toluene	10.635	92	80763	4.705	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	48717	4.704	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	51981	4.708	ug/l	91
55) 1,1,2-Trichloroethane	11.023	97	36581	5.306	ug/l #	90
56) Ethyl methacrylate	10.876	69	53726	4.869	ug/l	94
57) 1,3-Dichloropropane	11.165	76	63538	5.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	113906	28.997	ug/l	95
59) 2-Hexanone	11.200	43	235201	25.167	ug/l	99
60) Dibromochloromethane	11.365	129	31167	4.511	ug/l	92
61) 1,2-Dibromoethane	11.470	107	35065	5.143	ug/l	96
64) Tetrachloroethene	11.106	164	23430	4.923	ug/l	91
65) Chlorobenzene	11.894	112	88047	5.171	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	29450	4.613	ug/l	94
67) Ethyl Benzene	11.965	91	154802	4.959	ug/l	99
68) m/p-Xylenes	12.076	106	111257	9.571	ug/l	97
69) o-Xylene	12.394	106	59292	4.994	ug/l	99
70) Styrene	12.412	104	92341	4.903	ug/l	96
71) Bromoform	12.582	173	21511	4.865	ug/l #	93
73) Isopropylbenzene	12.700	105	144840	5.703	ug/l	98
74) N-amyl acetate	12.494	43	81872	5.938	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	55508	5.518	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	43300m	5.152	ug/l	
77) Bromobenzene	12.982	156	31677	5.631	ug/l	96
78) n-propylbenzene	13.041	91	160721	5.544	ug/l	99
79) 2-Chlorotoluene	13.129	91	95848	5.529	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	114821	5.562	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	16119	5.367	ug/l #	82
82) 4-Chlorotoluene	13.223	91	85346	5.265	ug/l	93
83) tert-Butylbenzene	13.441	119	99163	5.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	110028	5.425	ug/l	98
85) sec-Butylbenzene	13.617	105	141776	5.511	ug/l	100
86) p-Isopropyltoluene	13.729	119	105220	5.147	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	55303	5.241	ug/l	92
88) 1,4-Dichlorobenzene	13.817	146	51266	4.924	ug/l	92
89) n-Butylbenzene	14.059	91	87295	5.011	ug/l	97
90) Hexachloroethane	14.335	117	24402	5.560	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	51790	4.731	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8250	4.421	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	23955	4.838	ug/l	94
94) Hexachlorobutadiene	15.511	225	10768	4.529	ug/l	96
95) Naphthalene	15.641	128	94522	5.332	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	25311	5.397	ug/l	96

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

