

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081736.D
 Acq On : 15 Apr 2024 13:23
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 15 15:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:10:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/20/2024
 Supervised By :Semsettin Yesilyurt 04/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	242945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	439327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	392979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	35231	10.306	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.620%#		
35) Dibromofluoromethane	8.171	113	28757	9.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.820%#		
50) Toluene-d8	10.571	98	103802	9.713	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.420%#		
62) 4-Bromofluorobenzene	12.853	95	34374	9.412	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	18.820%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34874	11.335	ug/l	94
3) Chloromethane	2.359	50	31150	9.712	ug/l	93
4) Vinyl Chloride	2.512	62	40665	10.799	ug/l	99
5) Bromomethane	2.971	94	24902	10.945	ug/l	97
6) Chloroethane	3.130	64	25501	9.486	ug/l	95
7) Trichlorofluoromethane	3.500	101	52570	10.811	ug/l	98
8) Diethyl Ether	3.959	74	16552	9.697	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	29607	9.721	ug/l	99
10) Methyl Iodide	4.600	142	15499	9.481	ug/l	96
11) Tert butyl alcohol	5.512	59	23716	50.856	ug/l	96
12) 1,1-Dichloroethene	4.342	96	28991	10.044	ug/l	93
13) Acrolein	4.183	56	24534	49.489	ug/l	99
14) Allyl chloride	5.024	41	34936	9.479	ug/l	97
15) Acrylonitrile	5.718	53	63243	49.142	ug/l	97
16) Acetone	4.424	43	47717	50.150	ug/l	96
17) Carbon Disulfide	4.706	76	86195	10.274	ug/l	97
18) Methyl Acetate	5.030	43	26824	10.079	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	82433	9.812	ug/l	99
20) Methylene Chloride	5.283	84	31818	9.591	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	30763	10.611	ug/l	88
22) Diisopropyl ether	6.677	45	81536	10.228	ug/l	94
23) Vinyl Acetate	6.606	43	327433	52.620	ug/l	97
24) 1,1-Dichloroethane	6.571	63	53480	10.196	ug/l	96
25) 2-Butanone	7.483	43	80476	51.306	ug/l	99
26) 2,2-Dichloropropane	7.488	77	47989	10.496	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	34700	9.784	ug/l	98
28) Bromochloromethane	7.812	49	18529	8.274	ug/l	95
29) Tetrahydrofuran	7.841	42	52591	51.824	ug/l	97
30) Chloroform	7.965	83	55997	9.415	ug/l	97
31) Cyclohexane	8.265	56	47038	10.030	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	54236	10.284	ug/l	95
36) 1,1-Dichloropropene	8.377	75	40040	9.906	ug/l	100
37) Ethyl Acetate	7.559	43	29591	8.909	ug/l #	94
38) Carbon Tetrachloride	8.365	117	48154	10.240	ug/l	94
39) Methylcyclohexane	9.600	83	44661	9.379	ug/l #	84
40) Benzene	8.606	78	124496	9.888	ug/l	96

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 Supervised By :Semsettin Yesilyurt 04/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	17770	9.856	ug/l	98
42) 1,2-Dichloroethane	8.677	62	44334	10.101	ug/l	99
43) Isopropyl Acetate	8.694	43	59143	9.545	ug/l	98
44) Trichloroethene	9.359	130	31546	9.635	ug/l	87
45) 1,2-Dichloropropane	9.629	63	28712	9.891	ug/l	96
46) Dibromomethane	9.712	93	23315	9.623	ug/l	97
47) Bromodichloromethane	9.888	83	45153	9.756	ug/l	94
48) Methyl methacrylate	9.682	41	25778	10.207	ug/l	95
49) 1,4-Dioxane	9.700	88	11436	180.545	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	175123	50.812	ug/l	98
52) Toluene	10.629	92	78263	9.786	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	45096	9.781	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	47645	9.701	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	28910	9.623	ug/l	94
56) Ethyl methacrylate	10.876	69	38603	9.339	ug/l	91
57) 1,3-Dichloropropane	11.165	76	48965	9.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	106034	48.478	ug/l	100
59) 2-Hexanone	11.200	43	123368	49.447	ug/l	98
60) Dibromochloromethane	11.365	129	35794	9.857	ug/l	100
61) 1,2-Dibromoethane	11.471	107	30047	9.588	ug/l	96
64) Tetrachloroethene	11.106	164	32389	9.714	ug/l	90
65) Chlorobenzene	11.894	112	87434	9.669	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	30589	9.916	ug/l	99
67) Ethyl Benzene	11.965	91	138928	9.760	ug/l	97
68) m/p-Xylenes	12.076	106	108077	19.526	ug/l	99
69) o-Xylene	12.400	106	52220	9.845	ug/l	100
70) Styrene	12.412	104	83633	9.624	ug/l	99
71) Bromoform	12.582	173	21942	9.218	ug/l #	96
73) Isopropylbenzene	12.700	105	134167	10.171	ug/l	100
74) N-amyl acetate	12.500	43	45769	9.534	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	39520	10.197	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	36583m	10.070	ug/l	
77) Bromobenzene	12.982	156	31850	9.471	ug/l	94
78) n-propylbenzene	13.035	91	149825	9.788	ug/l	100
79) 2-Chlorotoluene	13.129	91	97664	10.236	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	107618	9.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14927	10.940	ug/l	93
82) 4-Chlorotoluene	13.223	91	93776	9.949	ug/l	99
83) tert-Butylbenzene	13.441	119	94350	9.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	109569	10.081	ug/l	99
85) sec-Butylbenzene	13.617	105	132224	10.040	ug/l	100
86) p-Isopropyltoluene	13.729	119	109222	10.118	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	62345	9.919	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	60751	9.679	ug/l	93
89) n-Butylbenzene	14.059	91	89324	9.464	ug/l	97
90) Hexachloroethane	14.335	117	23160	10.079	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	58678	9.645	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8686	10.345	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	30486	9.513	ug/l	100
94) Hexachlorobutadiene	15.506	225	12914	9.348	ug/l	99
95) Naphthalene	15.641	128	97413	9.514	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	32021	9.773	ug/l	99

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

