

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081025.D
 Acq On : 14 Feb 2024 15:00
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021424

Quant Time: Feb 15 08:00:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/15/2024
 Supervised By :Semsettin Yesilyurt 02/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	624897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1076211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	966417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	351543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	366254	47.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.300%		
35) Dibromofluoromethane	8.171	113	303092	49.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	10.571	98	1084950	49.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.720%		
62) 4-Bromofluorobenzene	12.853	95	372311	50.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	422148	52.673	ug/l	95
3) Chloromethane	2.359	50	481953	49.829	ug/l	99
4) Vinyl Chloride	2.512	62	411640	48.905	ug/l	93
5) Bromomethane	2.948	94	196968	46.380	ug/l	100
6) Chloroethane	3.112	64	250971	46.375	ug/l	94
7) Trichlorofluoromethane	3.501	101	579139	48.882	ug/l	98
8) Diethyl Ether	3.953	74	229985	48.961	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	350213	50.090	ug/l	90
10) Methyl Iodide	4.583	142	338748	47.710	ug/l	97
11) Tert butyl alcohol	5.512	59	346085	251.015	ug/l	100
12) 1,1-Dichloroethene	4.336	96	343986	50.507	ug/l	94
13) Acrolein	4.177	56	262803	239.696	ug/l	97
14) Allyl chloride	5.018	41	546612	49.282	ug/l	99
15) Acrylonitrile	5.718	53	889679	251.951	ug/l	98
16) Acetone	4.424	43	673884	223.960	ug/l	97
17) Carbon Disulfide	4.712	76	911521	46.192	ug/l #	94
18) Methyl Acetate	5.018	43	389143	49.103	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	1172211	49.326	ug/l	97
20) Methylene Chloride	5.277	84	372571	47.537	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	356621	47.628	ug/l	96
22) Diisopropyl ether	6.671	45	1184803	48.838	ug/l #	95
23) Vinyl Acetate	6.600	43	4874518	249.287	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	669671	49.500	ug/l	96
25) 2-Butanone	7.483	43	1156344	236.720	ug/l	94
26) 2,2-Dichloropropane	7.489	77	633781	50.902	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	416498	48.131	ug/l	92
28) Bromochloromethane	7.812	49	243751	44.629	ug/l #	73
29) Tetrahydrofuran	7.836	42	767801	244.572	ug/l #	88
30) Chloroform	7.965	83	699351	48.169	ug/l	99
31) Cyclohexane	8.259	56	630692	47.233	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	625285	48.773	ug/l	95
36) 1,1-Dichloropropene	8.371	75	526428	51.133	ug/l	96
37) Ethyl Acetate	7.559	43	489965	52.025	ug/l	99
38) Carbon Tetrachloride	8.365	117	433503	57.526	ug/l	98
39) Methylcyclohexane	9.600	83	667735	52.718	ug/l	91
40) Benzene	8.606	78	1525732	50.114	ug/l	97

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41) Methacrylonitrile	7.777	41	282428	49.401	ug/l	96
42) 1,2-Dichloroethane	8.671	62	538813	49.858	ug/l	99
43) Isopropyl Acetate	8.688	43	871445	49.389	ug/l #	96
44) Trichloroethene	9.353	130	434199	48.151	ug/l	95
45) 1,2-Dichloropropane	9.624	63	381056	50.597	ug/l	97
46) Dibromomethane	9.712	93	268195	50.450	ug/l #	91
47) Bromodichloromethane	9.888	83	533731	51.228	ug/l #	96
48) Methyl methacrylate	9.683	41	411283	49.508	ug/l	93
49) 1,4-Dioxane	9.694	88	150523	1062.045	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	2540396	258.166	ug/l	96
52) Toluene	10.630	92	974692	51.251	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	632188	51.504	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	659467	50.801	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	367443	51.379	ug/l	97
56) Ethyl methacrylate	10.877	69	612470	52.304	ug/l	91
57) 1,3-Dichloropropane	11.165	76	654053	51.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1236922	212.880	ug/l #	89
59) 2-Hexanone	11.194	43	1887185	261.137	ug/l	97
60) Dibromochloromethane	11.359	129	368776	54.229	ug/l	99
61) 1,2-Dibromoethane	11.471	107	382104	50.813	ug/l	97
64) Tetrachloroethene	11.106	164	472730	47.982	ug/l	90
65) Chlorobenzene	11.894	112	995870	49.143	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	343262	49.200	ug/l	97
67) Ethyl Benzene	11.965	91	1913990	50.098	ug/l	99
68) m/p-Xylenes	12.071	106	1378471	97.842	ug/l	100
69) o-Xylene	12.400	106	667323	48.838	ug/l	100
70) Styrene	12.412	104	1081069	49.640	ug/l	99
71) Bromoform	12.576	173	193387	54.482	ug/l #	97
73) Isopropylbenzene	12.694	105	1751436	49.311	ug/l	98
74) N-amyl acetate	12.494	43	785233	48.053	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	412428	47.309	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	382167m	49.199	ug/l	
77) Bromobenzene	12.982	156	349126	48.529	ug/l	80
78) n-propylbenzene	13.035	91	2068642	51.040	ug/l	98
79) 2-Chlorotoluene	13.129	91	1144605	48.895	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1373261	49.834	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	160942	48.232	ug/l #	78
82) 4-Chlorotoluene	13.223	91	1119263	49.477	ug/l	97
83) tert-Butylbenzene	13.441	119	1159304	49.128	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1330790	50.123	ug/l	99
85) sec-Butylbenzene	13.618	105	1668470	51.538	ug/l	95
86) p-Isopropyltoluene	13.729	119	1337388	51.371	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	595357	48.665	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	594584	47.039	ug/l	98
89) n-Butylbenzene	14.059	91	1193976	50.103	ug/l	97
90) Hexachloroethane	14.335	117	37654	62.141	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	567991	47.895	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	90935	51.308	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	345259	48.597	ug/l	98
94) Hexachlorobutadiene	15.506	225	143160	48.720	ug/l	95
95) Naphthalene	15.641	128	1202564	47.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	341306	49.022	ug/l	99

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

