

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082136.D
 Acq On : 15 May 2024 17:14
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051524

Quant Time: May 16 05:56:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152539	51.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.420%			
35) Dibromofluoromethane	8.165	113	103008	52.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.340%			
50) Toluene-d8	10.571	98	386610	51.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.853	95	145293	54.294	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	132860	49.329	ug/l	99
3) Chloromethane	2.359	50	146728	48.070	ug/l	98
4) Vinyl Chloride	2.512	62	135145	47.096	ug/l	92
5) Bromomethane	2.948	94	79513	48.207	ug/l	96
6) Chloroethane	3.118	64	88029	46.981	ug/l	98
7) Trichlorofluoromethane	3.495	101	182629	48.602	ug/l	96
8) Diethyl Ether	3.959	74	73257	54.726	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	103431	47.120	ug/l	98
10) Methyl Iodide	4.589	142	113715	51.533	ug/l	95
11) Tert butyl alcohol	5.524	59	120829	255.177	ug/l	98
12) 1,1-Dichloroethene	4.342	96	98001	48.035	ug/l #	78
13) Acrolein	4.177	56	102542	292.235	ug/l	99
14) Allyl chloride	5.024	41	213684	48.919	ug/l #	91
15) Acrylonitrile	5.718	53	323904	264.124	ug/l	99
16) Acetone	4.424	43	304112	251.319	ug/l	91
17) Carbon Disulfide	4.712	76	302617	45.924	ug/l	100
18) Methyl Acetate	5.024	43	153095	50.803	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	402167	53.929	ug/l	95
20) Methylene Chloride	5.283	84	119863	49.095	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	106958	48.107	ug/l #	78
22) Diisopropyl ether	6.671	45	482146	52.860	ug/l #	91
23) Vinyl Acetate	6.600	43	2013184	279.945	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	234348	49.847	ug/l	97
25) 2-Butanone	7.483	43	486483	265.164	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	196769	49.969	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	133860	51.016	ug/l	79
28) Bromochloromethane	7.812	49	105811	51.874	ug/l #	73
29) Tetrahydrofuran	7.835	42	319810	271.498	ug/l #	81
30) Chloroform	7.965	83	227345	50.639	ug/l	96
31) Cyclohexane	8.253	56	207424	44.027	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	196361	49.301	ug/l	94
36) 1,1-Dichloropropene	8.371	75	162826	49.645	ug/l	94
37) Ethyl Acetate	7.559	43	192688	52.496	ug/l	95
38) Carbon Tetrachloride	8.365	117	164117	49.362	ug/l	98
39) Methylcyclohexane	9.600	83	184805	51.405	ug/l #	87
40) Benzene	8.606	78	503209	51.451	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	107563	49.829	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	197140	52.409	ug/l	94
43) Isopropyl Acetate	8.688	43	348133	53.527	ug/l #	89
44) Trichloroethene	9.353	130	108996	49.061	ug/l	94
45) 1,2-Dichloropropane	9.624	63	129667	51.385	ug/l	93
46) Dibromomethane	9.712	93	87124	52.588	ug/l	98
47) Bromodichloromethane	9.888	83	184081	52.632	ug/l #	96
48) Methyl methacrylate	9.682	41	172166	55.554	ug/l #	81
49) 1,4-Dioxane	9.694	88	48017	1105.699	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1021044	276.310	ug/l	89
52) Toluene	10.629	92	306344	52.194	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	200520	55.435	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	207797	54.271	ug/l #	76
55) 1,1,2-Trichloroethane	11.018	97	112957	52.959	ug/l	98
56) Ethyl methacrylate	10.876	69	209182	57.765	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	210008	52.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	498645	266.961	ug/l	90
59) 2-Hexanone	11.194	43	755987	279.404	ug/l	89
60) Dibromochloromethane	11.359	129	131555	55.890	ug/l	99
61) 1,2-Dibromoethane	11.471	107	115695	52.810	ug/l	100
64) Tetrachloroethene	11.106	164	104824	47.977	ug/l	96
65) Chlorobenzene	11.894	112	321146	49.316	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	110991	51.744	ug/l	99
67) Ethyl Benzene	11.965	91	587821	50.461	ug/l	95
68) m/p-Xylenes	12.071	106	441011	103.294	ug/l	92
69) o-Xylene	12.400	106	217653	52.628	ug/l	94
70) Styrene	12.412	104	370486	53.932	ug/l	95
71) Bromoform	12.582	173	86325	50.592	ug/l #	100
73) Isopropylbenzene	12.694	105	550709	48.457	ug/l	98
74) N-amyl acetate	12.494	43	316985	50.706	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	161273	49.227	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	157749m	52.391	ug/l	
77) Bromobenzene	12.982	156	130022	48.006	ug/l	86
78) n-propylbenzene	13.035	91	670488	49.821	ug/l	96
79) 2-Chlorotoluene	13.123	91	407101	48.173	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	461903	50.263	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	67283	52.266	ug/l #	73
82) 4-Chlorotoluene	13.223	91	406748	49.228	ug/l	95
83) tert-Butylbenzene	13.441	119	392347	48.802	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	474141	50.431	ug/l	97
85) sec-Butylbenzene	13.617	105	553990	49.714	ug/l	98
86) p-Isopropyltoluene	13.729	119	468222	51.701	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	244448	49.818	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	245717	49.064	ug/l	98
89) n-Butylbenzene	14.059	91	424973	52.208	ug/l	98
90) Hexachloroethane	14.335	117	84305	50.243	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	234478	50.483	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34962	51.941	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	133075	51.113	ug/l	99
94) Hexachlorobutadiene	15.506	225	53650	46.962	ug/l	99
95) Naphthalene	15.641	128	433787	53.167	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130520	50.078	ug/l	98

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

