

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082134.D
 Acq On : 15 May 2024 15:24
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: May 16 05:00:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	191596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	335680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119270	50.000	ug/l	0.00

05/16/2024
 Supervised By :Mahesh
 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	64 - 133	Recovery	=	0.000%#

05/16/2024

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	2637	0.955	ug/l	98
3) Chloromethane	2.365	50	3324	1.062	ug/l	91
4) Vinyl Chloride	2.512	62	3074	1.044	ug/l	95
6) Chloroethane	3.124	64	2091	1.088	ug/l #	83
7) Trichlorofluoromethane	3.506	101	3494	0.907	ug/l	97
8) Diethyl Ether	3.971	74	1125	0.819	ug/l #	22
9) 1,1,2-Trichlorotrifluo...	4.359	101	2402	1.067	ug/l #	81
12) 1,1-Dichloroethene	4.342	96	1937	0.926	ug/l #	88
14) Allyl chloride	5.024	41	4905	1.095	ug/l #	83
15) Acrylonitrile	5.736	53	5800	4.611	ug/l	95
16) Acetone	4.424	43	5919	4.769	ug/l #	74
17) Carbon Disulfide	4.712	76	7847	1.161	ug/l	99
18) Methyl Acetate	5.036	43	3296	1.066	ug/l #	55
19) Methyl tert-butyl Ether	5.795	73	7020	0.918	ug/l	93
20) Methylene Chloride	5.289	84	2559m	1.022	ug/l	
21) trans-1,2-Dichloroethene	5.789	96	2302	1.010	ug/l	85
22) Diisopropyl ether	6.671	45	8636	0.923	ug/l #	90
23) Vinyl Acetate	6.612	43	31235	4.235	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	4754	0.986	ug/l #	81
25) 2-Butanone	7.489	43	9322	4.954	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	3861	0.956	ug/l	82
27) cis-1,2-Dichloroethene	7.483	96	2546	0.946	ug/l	73
28) Bromochloromethane	7.812	49	2558	1.024	ug/l #	70
29) Tetrahydrofuran	7.841	42	5547	4.591	ug/l #	82
30) Chloroform	7.971	83	4485	0.974	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	3881	0.950	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	3544	1.023	ug/l #	88
37) Ethyl Acetate	7.565	43	3545	0.915	ug/l #	77
38) Carbon Tetrachloride	8.365	117	3210	0.914	ug/l #	88
39) Methylcyclohexane	9.600	83	3345	0.881	ug/l #	79
40) Benzene	8.600	78	9569	0.927	ug/l	97
41) Methacrylonitrile	7.777	41	2365	1.038	ug/l #	71
42) 1,2-Dichloroethane	8.665	62	3776	0.951	ug/l #	73
43) Isopropyl Acetate	8.688	43	6561	0.955	ug/l #	85
44) Trichloroethene	9.353	130	2384	1.016	ug/l	99
45) 1,2-Dichloropropane	9.624	63	2612	0.980	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.700	93	1682	0.961	ug/l	93
47) Bromodichloromethane	9.888	83	3319	0.899	ug/l #	86
48) Methyl methacrylate	9.688	41	3037	0.928	ug/l #	80
49) 1,4-Dioxane	9.700	88	776	16.923	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	17237	4.418	ug/l	87
52) Toluene	10.630	92	5511	0.889	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	3390	0.888	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	3320	0.821	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	1984	0.881	ug/l	97
56) Ethyl methacrylate	10.871	69	3121	0.816	ug/l #	59
57) 1,3-Dichloropropane	11.165	76	4282	1.017	ug/l	89
58) 2-Chloroethyl Vinyl ether	10.159	63	8377	4.247	ug/l	97
59) 2-Hexanone	11.194	43	11888	4.161	ug/l	87
60) Dibromochloromethane	11.359	129	2063	0.830	ug/l	100
61) 1,2-Dibromoethane	11.471	107	2248	0.972	ug/l	95
64) Tetrachloroethene	11.106	164	2110	0.977	ug/l	95
65) Chlorobenzene	11.894	112	6603	1.026	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.965	131	1820	0.858	ug/l #	57
67) Ethyl Benzene	11.965	91	10397	0.903	ug/l	100
68) m/p-Xylenes	12.071	106	7541	1.787	ug/l	94
69) o-Xylene	12.400	106	3635	0.889	ug/l	95
70) Styrene	12.412	104	5938	0.874	ug/l	94
71) Bromoform	12.582	173	1071	1.327	ug/l #	94
73) Isopropylbenzene	12.694	105	8504	0.897	ug/l	96
74) N-amyl acetate	12.494	43	5171	0.992	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.935	83	2925	1.071	ug/l #	94
76) 1,2,3-Trichloropropane	12.994	75	2369m	0.945	ug/l	
77) Bromobenzene	12.976	156	2343	1.038	ug/l	82
78) n-propylbenzene	13.035	91	9814	0.875	ug/l	96
79) 2-Chlorotoluene	13.123	91	6971	0.989	ug/l	89
80) 1,3,5-Trimethylbenzene	13.176	105	6416	0.837	ug/l	95
82) 4-Chlorotoluene	13.223	91	6574	0.954	ug/l	92
83) tert-Butylbenzene	13.441	119	6061	0.904	ug/l	87
84) 1,2,4-Trimethylbenzene	13.482	105	6996	0.893	ug/l	99
85) sec-Butylbenzene	13.618	105	8267	0.890	ug/l	99
86) p-Isopropyltoluene	13.729	119	6496	0.860	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	4103	1.003	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	4349m	1.042	ug/l	
89) n-Butylbenzene	14.059	91	5869	0.865	ug/l	96
90) Hexachloroethane	14.335	117	1234	0.882	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	3588	0.927	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.717	75	494	0.880	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	2138	0.985	ug/l	95
94) Hexachlorobutadiene	15.506	225	1000	1.050	ug/l	98
95) Naphthalene	15.641	128	6234	0.916	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	2191	1.008	ug/l	97

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

