

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083140.D
 Acq On : 07 Aug 2024 12:34
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 08 06:19:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 05:50:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2024
 Supervised By : Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	202290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122922	50.000	ug/l	0.00
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%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2193	0.956	ug/l	84
3) Chloromethane	2.365	50	2331	0.993	ug/l	96
4) Vinyl Chloride	2.512	62	2457	1.025	ug/l	94
6) Chloroethane	3.124	64	1763	1.176	ug/l #	54
7) Trichlorofluoromethane	3.495	101	3645	0.921	ug/l	88
8) Diethyl Ether	3.965	74	1368	0.929	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	2064	0.946	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	2328	1.038	ug/l #	72
14) Allyl chloride	5.018	41	4894	1.155	ug/l #	75
15) Acrylonitrile	5.724	53	6198	5.036	ug/l	94
16) Acetone	4.442	43	5369	4.765	ug/l	95
17) Carbon Disulfide	4.718	76	7603	1.159	ug/l	99
18) Methyl Acetate	5.036	43	3987	1.188	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	7900	0.976	ug/l	96
20) Methylene Chloride	5.283	84	3255	1.255	ug/l #	63
21) trans-1,2-Dichloroethene	5.783	96	2425	1.046	ug/l #	75
22) Diisopropyl ether	6.677	45	7871	0.988	ug/l	94
23) Vinyl Acetate	6.606	43	39044	4.783	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	4189	0.965	ug/l #	83
25) 2-Butanone	7.495	43	9164	5.297	ug/l	93
26) 2,2-Dichloropropane	7.489	77	3741	0.928	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	2919	1.044	ug/l	90
28) Bromochloromethane	7.812	49	1883	1.061	ug/l #	92
29) Tetrahydrofuran	7.842	42	5490	4.909	ug/l #	87
30) Chloroform	7.971	83	4457	0.988	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	4076	0.955	ug/l #	49
36) 1,1-Dichloropropene	8.377	75	3393	1.034	ug/l	97
37) Ethyl Acetate	7.565	43	4617	1.257	ug/l #	90
38) Carbon Tetrachloride	8.359	117	3422	0.926	ug/l #	84
39) Methylcyclohexane	9.600	83	3974	0.986	ug/l	87
40) Benzene	8.606	78	9334	0.955	ug/l	99
41) Methacrylonitrile	7.783	41	2618	1.254	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	3457	0.971	ug/l	82
43) Isopropyl Acetate	8.689	43	14981	0.753	ug/l #	80
44) Trichloroethene	9.359	130	2151	0.925	ug/l	98
45) 1,2-Dichloropropane	9.618	63	2194	0.946	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.700	93	1513	0.911	ug/l	95
47) Bromodichloromethane	9.894	83	3783	1.015	ug/l #	83
48) Methyl methacrylate	9.683	41	3518	1.159	ug/l	96
49) 1,4-Dioxane	9.700	88	1089	19.880	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	15872	4.570	ug/l	90
52) Toluene	10.630	92	5723	0.927	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	3260	0.851	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	3797	0.932	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	1963	0.887	ug/l	96
56) Ethyl methacrylate	10.871	69	3843	0.921	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	3837	0.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	8453	4.794	ug/l	93
59) 2-Hexanone	11.200	43	12761	4.749	ug/l	100
60) Dibromochloromethane	11.353	129	2283	0.853	ug/l	99
61) 1,2-Dibromoethane	11.465	107	2200	0.947	ug/l	98
64) Tetrachloroethene	11.106	164	1872	0.966	ug/l	93
65) Chlorobenzene	11.888	112	6259	0.968	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	2168	0.951	ug/l #	63
67) Ethyl Benzene	11.965	91	11455	0.966	ug/l	98
68) m/p-Xylenes	12.065	106	8266	1.860	ug/l	94
69) o-Xylene	12.400	106	4113	0.938	ug/l	98
70) Styrene	12.412	104	6441	0.875	ug/l	90
71) Bromoform	12.577	173	1561	0.903	ug/l #	88
73) Isopropylbenzene	12.694	105	10459	1.017	ug/l	99
74) N-amyl acetate	12.494	43	5755	1.144	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	3034	1.043	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	3031m	1.122	ug/l	
77) Bromobenzene	12.977	156	2212	0.969	ug/l	86
78) n-propylbenzene	13.029	91	11800	0.997	ug/l	99
79) 2-Chlorotoluene	13.124	91	7735	1.031	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	8552	0.994	ug/l	95
82) 4-Chlorotoluene	13.224	91	8018	1.065	ug/l	93
83) tert-Butylbenzene	13.435	119	7628	1.001	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	8397	0.968	ug/l	100
85) sec-Butylbenzene	13.618	105	10411	1.001	ug/l	96
86) p-Isopropyltoluene	13.735	119	8247	0.960	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	4598	1.070	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	4578m	1.057	ug/l	
89) n-Butylbenzene	14.053	91	7008	0.942	ug/l	100
90) Hexachloroethane	14.335	117	1524	0.918	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	4279	1.029	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	763	1.081	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	2493	1.070	ug/l	97
94) Hexachlorobutadiene	15.512	225	1181	1.140	ug/l	92
95) Naphthalene	15.641	128	8430	1.021	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	2389	1.036	ug/l	96

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

