

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081023.D
 Acq On : 14 Feb 2024 13:49
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2024
 Supervised By : Mahesh Dadoda 02/15/2024

Quant Time: Feb 15 07:55:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:55:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	611937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1090249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	912774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323954	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	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	7326	0.933	ug/l	87
3) Chloromethane	2.359	50	15842m	1.439	ug/l	
4) Vinyl Chloride	2.518	62	8676	1.053	ug/l	94
6) Chloroethane	3.124	64	6829m	1.289	ug/l	
7) Trichlorofluoromethane	3.489	101	12620	1.088	ug/l #	74
8) Diethyl Ether	3.971	74	4729	1.028	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.359	101	7159	1.046	ug/l #	75
12) 1,1-Dichloroethene	4.347	96	5966	0.895	ug/l #	73
14) Allyl chloride	5.024	41	12832	1.181	ug/l #	87
15) Acrylonitrile	5.718	53	18270	5.284	ug/l	97
16) Acetone	4.436	43	18673	6.337	ug/l #	88
17) Carbon Disulfide	4.718	76	22628	1.171	ug/l #	88
18) Methyl Acetate	5.024	43	8763	1.129	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	22895	0.984	ug/l #	90
20) Methylene Chloride	5.265	84	8413	1.096	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	7726	1.054	ug/l #	77
22) Diisopropyl ether	6.671	45	23617	0.994	ug/l #	94
23) Vinyl Acetate	6.600	43	91275	4.767	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	12653	0.955	ug/l #	87
25) 2-Butanone	7.494	43	26749	5.592	ug/l	100
26) 2,2-Dichloropropane	7.500	77	12086	0.991	ug/l	78
27) cis-1,2-Dichloroethene	7.483	96	9057	1.069	ug/l	88
28) Bromochloromethane	7.812	49	5654	1.057	ug/l #	79
29) Tetrahydrofuran	7.841	42	15017	4.885	ug/l #	86
30) Chloroform	7.965	83	14726	1.036	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	12977	1.034	ug/l #	43
36) 1,1-Dichloropropene	8.371	75	10051	0.964	ug/l #	90
37) Ethyl Acetate	7.565	43	9488	0.994	ug/l #	80
38) Carbon Tetrachloride	8.365	117	6100	0.799	ug/l	96
39) Methylcyclohexane	9.606	83	12657	0.986	ug/l #	87
40) Benzene	8.606	78	31374	1.017	ug/l	92
41) Methacrylonitrile	7.771	41	6729	1.162	ug/l #	88
42) 1,2-Dichloroethane	8.665	62	11819	1.080	ug/l	99
43) Isopropyl Acetate	8.688	43	19206	1.074	ug/l	96
44) Trichloroethene	9.353	130	10034	1.098	ug/l	92
45) 1,2-Dichloropropane	9.618	63	7270	0.953	ug/l	90

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Quant Title : SW846 8260

QLast Update : Thu Feb 15 07:55:21 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	5568	1.034	ug/l	94
47) Bromodichloromethane	9.894	83	9948	0.943	ug/l	95
48) Methyl methacrylate	9.682	41	9386	1.115	ug/l	90
49) 1,4-Dioxane	9.694	88	7684	37.100	ug/l	89
51) 4-Methyl-2-Pentanone	10.441	43	49281	4.944	ug/l	97
52) Toluene	10.635	92	19043	0.988	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	11539	0.928	ug/l #	79
54) cis-1,3-Dichloropropene	10.312	75	13341	1.014	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	6803	0.939	ug/l #	80
56) Ethyl methacrylate	10.876	69	11599	0.978	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	13010	1.005	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	29994	5.096	ug/l #	82
59) 2-Hexanone	11.194	43	36160	4.939	ug/l	99
60) Dibromochloromethane	11.365	129	6469	0.939	ug/l	92
61) 1,2-Dibromoethane	11.465	107	7695	1.010	ug/l	98
64) Tetrachloroethene	11.106	164	9245	0.994	ug/l	91
65) Chlorobenzene	11.894	112	19296	1.008	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.959	131	6491	0.985	ug/l #	64
67) Ethyl Benzene	11.965	91	35028	0.971	ug/l	94
68) m/p-Xylenes	12.070	106	24831	1.866	ug/l	99
69) o-Xylene	12.400	106	12388	0.960	ug/l	100
70) Styrene	12.412	104	19809	0.963	ug/l	98
71) Bromoform	12.576	173	2759	0.823	ug/l #	93
73) Isopropylbenzene	12.700	105	33354	1.019	ug/l	98
74) N-amyl acetate	12.494	43	16596	1.102	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	8357	1.040	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	6559m	0.916	ug/l	
77) Bromobenzene	12.982	156	6988	1.054	ug/l	72
78) n-propylbenzene	13.035	91	35937	0.962	ug/l	95
79) 2-Chlorotoluene	13.123	91	21945	1.017	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	24859	0.979	ug/l	93
82) 4-Chlorotoluene	13.223	91	20803	0.998	ug/l	94
83) tert-Butylbenzene	13.441	119	22037	1.013	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	23814	0.973	ug/l	97
85) sec-Butylbenzene	13.617	105	26927	0.903	ug/l	92
86) p-Isopropyltoluene	13.729	119	21843	0.910	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	11129	0.987	ug/l	89
88) 1,4-Dichlorobenzene	13.812	146	12494m	1.073	ug/l	
89) n-Butylbenzene	14.059	91	24079	1.096	ug/l	93
90) Hexachloroethane	14.353	117	1437	2.002	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	11169	1.022	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	2562	1.345	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	6843	1.045	ug/l	93
94) Hexachlorobutadiene	15.506	225	2989	1.104	ug/l	91
95) Naphthalene	15.647	128	24966	1.072	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	6506	1.014	ug/l	98

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

