

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082602.D
 Acq On : 17 Jun 2024 11:41
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 18 04:44:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:36:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	243494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97271	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	2280	0.997	ug/l	82
3) Chloromethane	2.365	50	3379	1.232	ug/l	99
4) Vinyl Chloride	2.512	62	2916	1.117	ug/l	99
6) Chloroethane	3.124	64	2395	1.287	ug/l #	86
7) Trichlorofluoromethane	3.501	101	3717	1.092	ug/l #	66
8) Diethyl Ether	3.965	74	1093	0.943	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	1929	1.012	ug/l	95
12) 1,1-Dichloroethene	4.342	96	2128	1.167	ug/l #	80
14) Allyl chloride	5.036	41	3361	0.942	ug/l #	23
15) Acrylonitrile	5.724	53	6328	5.577	ug/l #	78
16) Acetone	4.436	43	7103	5.946	ug/l	90
17) Carbon Disulfide	4.712	76	7186	1.241	ug/l	98
18) Methyl Acetate	5.030	43	3348	1.146	ug/l #	64
19) Methyl tert-butyl Ether	5.806	73	5696	0.912	ug/l	91
20) Methylene Chloride	5.283	84	2269m	1.073	ug/l	
21) trans-1,2-Dichloroethene	5.783	96	1963	1.013	ug/l	83
22) Diisopropyl ether	6.683	45	7057	0.943	ug/l #	83
23) Vinyl Acetate	6.606	43	25989	4.382	ug/l	96
24) 1,1-Dichloroethane	6.571	63	4379	1.081	ug/l #	83
25) 2-Butanone	7.500	43	8482	4.996	ug/l	97
26) 2,2-Dichloropropane	7.483	77	3512	0.999	ug/l #	68
27) cis-1,2-Dichloroethene	7.500	96	2499	1.070	ug/l	99
28) Bromochloromethane	7.818	49	1976	1.069	ug/l #	80
29) Tetrahydrofuran	7.847	42	4836	4.653	ug/l	95
30) Chloroform	7.971	83	4152	1.050	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	3883	1.083	ug/l #	50
36) 1,1-Dichloropropene	8.371	75	2665	0.922	ug/l	95
37) Ethyl Acetate	7.577	43	4011	1.090	ug/l #	79
38) Carbon Tetrachloride	8.365	117	3312	1.017	ug/l #	92
39) Methylcyclohexane	9.600	83	2683	0.882	ug/l	91
40) Benzene	8.612	78	8751	0.980	ug/l	92
41) Methacrylonitrile	7.783	41	1789	0.951	ug/l #	94
42) 1,2-Dichloroethane	8.671	62	3304	0.973	ug/l	83
43) Isopropyl Acetate	8.688	43	9403m	1.381	ug/l	
44) Trichloroethene	9.359	130	2165	1.044	ug/l	71
45) 1,2-Dichloropropane	9.624	63	2336	1.016	ug/l #	79

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	1543	0.990	ug/l	96
47) Bromodichloromethane	9.894	83	3229	0.972	ug/l #	94
48) Methyl methacrylate	9.683	41	2821	0.995	ug/l	89
49) 1,4-Dioxane	9.706	88	754	16.997	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	15757	4.465	ug/l	96
52) Toluene	10.635	92	5034	0.930	ug/l	91
53) t-1,3-Dichloropropene	10.841	75	3035	0.894	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	3017	0.859	ug/l #	85
55) 1,1,2-Trichloroethane	11.018	97	1654	0.844	ug/l #	73
56) Ethyl methacrylate	10.871	69	2672	0.824	ug/l	89
57) 1,3-Dichloropropane	11.165	76	3549	0.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	7435	4.332	ug/l	92
59) 2-Hexanone	11.200	43	11451	4.270	ug/l	94
60) Dibromochloromethane	11.359	129	2170	0.908	ug/l	93
61) 1,2-Dibromoethane	11.471	107	2017	0.977	ug/l	97
64) Tetrachloroethene	11.112	164	2411	1.201	ug/l #	73
65) Chlorobenzene	11.894	112	5565	0.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1998	1.003	ug/l #	65
67) Ethyl Benzene	11.965	91	8421	0.885	ug/l	94
68) m/p-Xylenes	12.071	106	5844	1.651	ug/l	98
69) o-Xylene	12.400	106	2760	0.830	ug/l	99
70) Styrene	12.418	104	4367	0.774	ug/l	93
71) Bromoform	12.571	173	1534	0.974	ug/l #	91
73) Isopropylbenzene	12.700	105	6921	0.937	ug/l	99
74) N-amyl acetate	12.494	43	3870	0.982	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	2738	1.136	ug/l #	92
76) 1,2,3-Trichloropropane	13.000	75	2728m	1.211	ug/l	
77) Bromobenzene	12.976	156	2127	1.119	ug/l	94
78) n-propylbenzene	13.035	91	7871	0.901	ug/l	97
79) 2-Chlorotoluene	13.123	91	5402	0.986	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	4894	0.816	ug/l	99
82) 4-Chlorotoluene	13.223	91	5082	0.928	ug/l	99
83) tert-Butylbenzene	13.441	119	4647	0.910	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	4834	0.804	ug/l	93
85) sec-Butylbenzene	13.618	105	6483	0.894	ug/l	95
86) p-Isopropyltoluene	13.729	119	4649	0.796	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	3491	1.013	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	4325m	1.248	ug/l	
89) n-Butylbenzene	14.059	91	4594	0.887	ug/l	98
90) Hexachloroethane	14.341	117	1330	1.047	ug/l	84
91) 1,2-Dichlorobenzene	14.112	146	3586	1.065	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	479	0.939	ug/l	85
93) 1,2,4-Trichlorobenzene	15.406	180	1853	1.044	ug/l	95
94) Hexachlorobutadiene	15.506	225	1165	1.331	ug/l	77
95) Naphthalene	15.641	128	5017	0.919	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	2020	1.117	ug/l	88

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

Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024

Abundance

TIC: VN082602.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
1,1-Dichloroethane, C
Acetone, T
Carbon Disulfide, T
Methyl Acrylate, T
Methylene Chloride, T
Acrylonitrile, T
Vinyl Chloride, T
1,1-Dichloroethane, P
Isopropyl Ether, T
1,1,1-Trichloroethane, T
Ethyl Acetate, T
2,2-Dichloropropane, T
Methoxybenzene, T
Chloroform, C
1,1,1-Trichloroethane, T
Carbon Tetrachloride, T
1,2-Dichloroethane, T
Benzene, T
1,2-Dichloroethane, T
Trichloroethene, TM
Methoxybenzene, C
Bromodichloromethane, T
2-Chloroethyl Vinyl Ether, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl Methacrylate, T
1,2-Dichloroethane, T
1,3-Dichlorobenzene, T
Phenochloromethane, T
1,2-Dibromomethane, T
Ethyl Benzene, T
Xylenes, T
Isopropyl Benzene, T
Bromobenzene, T
1,2,3-Trichlorobenzene, P
1,2,3-Trichlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
p-Butylbenzene, T
1,4-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T

1,4-Difluorobenzene, I

Pentafluorobenzene, I

Chlorobenzene-d5, I

1,4-Dichlorobenzene-d4, I