Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044455.D
Acq On : 01 Mar 2024 01:13
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020058

Quant Time: Mar 01 01:45:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 01 01:46:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	227590	20.000	ng/ul	0.00
20) Naphthalene-d8	10.792	136	992624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	593782	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1175683	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	974098	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1050360	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	49707	6.891	ng/uL	0.00
4) Pyridine-d5	3.799	84	353348	17.937	ng/ul	0.00
7) Phenol-d5	7.146	99	406106	18.627	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	256570	18.173	ng/ul	0.00
11) 2-Chlorophenol-d4	7.504	132	317849	19.357	ng/ul	0.00
15) 4-Methylphenol-d8	8.698	113	310211	18.804	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	156021	19.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	163859	19.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	290514	20.001	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	455901	18.688	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	841076	18.366	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	999039	18.961	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	145272	15.942	ng/ul	0.00
60) Fluorene-d10	15.610	176	732193	18.890	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	117476	16.104	ng/ul	0.00
73) Anthracene-d10	17.468	188	1098568	19.597	ng/ul	0.00
81) Pyrene-d10	19.757	212	1182303	20.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	1037471	19.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	52740	6.937	ng/uL	99
5) Pyridine	3.822	79	375476	18.219	ng/ul	96
6) Benzaldehyde	7.128	77	223163	23.580	ng/ul	98
8) Phenol	7.169	94	419262	18.500	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.416	93	346618	18.273	ng/ul	99
12) 2-Chlorophenol	7.540	128	330219	19.438	ng/ul	97
13) 2-Methylphenol	8.428	108	308570	18.481	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	465244	17.938	ng/ul	96
16) Acetophenone	8.816	105	505534	19.181	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.804	70	257253	19.485	ng/ul	99
18) 4-Methylphenol	8.763	108	335611	18.870	ng/ul	99
19) Hexachloroethane	9.051	117	135129	18.750	ng/ul	95
22) Nitrobenzene	9.198	77	372736	19.096	ng/ul	97
23) Isophorone	9.728	82	718754	19.000	ng/ul	99
25) 2-Nitrophenol	9.910	139	181006	19.820	ng/ul	96
26) 2,4-Dimethylphenol	9.969	107	335890	19.262	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.222	93	467662	19.017	ng/ul	99
29) 2,4-Dichlorophenol	10.439	162	296982	20.202	ng/ul	98
30) Naphthalene	10.839	128	1069286	18.941	ng/ul	100
32) 4-Chloroaniline	10.963	127	445214	18.729	ng/ul	98
33) Hexachlorobutadiene	11.116	225	169759	19.168	ng/ul	97
34) Caprolactam	11.745	113	89947	17.701	ng/ul	97
35) 4-Chloro-3-methylphenol	12.086	107	318845	20.359	ng/ul	97
36) 2-Methylnaphthalene	12.451	142	704730	19.599	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	689223	19.389	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	329019	18.718	ng/ul	99
40) Hexachlorocyclopentadiene	12.786	237	207801	17.571	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	219880	19.625	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	239316	19.758	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	899264	18.603	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	714507	18.877	ng/ul	99
45) 2-Nitroaniline	13.716	65	201735	19.250	ng/ul	98
47) Dimethylphthalate	14.092	163	855672	18.282	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	168491	19.249	ng/ul	99
50) Acenaphthylene	14.345	152	1178675	18.886	ng/ul	100
51) 3-Nitroaniline	14.539	138	173652	18.805	ng/ul	98
52) Acenaphthene	14.686	153	768100	18.643	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	80880	14.891	ng/ul	98
55) 4-Nitrophenol	14.839	109	102718	16.408	ng/ul	97
56) Dibenzofuran	15.016	168	1032703	18.672	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	243661	19.377	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	193225	19.823	ng/ul	97
59) Diethylphthalate	15.451	149	898387	18.647	ng/ul	99
61) Fluorene	15.669	166	849289	19.119	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	406942	19.438	ng/ul	98
63) 4-Nitroaniline	15.698	138	171822	19.238	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	131680	16.501	ng/ul	98
67) N-Nitrosodiphenylamine	15.886	169	696643	19.553	ng/ul	98
68) 4-Bromophenyl-phenylether	16.563	248	237788	20.356	ng/ul	94
69) Hexachlorobenzene	16.663	284	267038	19.973	ng/ul	96
70) Atrazine	16.845	200	222870	19.096	ng/ul	98
71) Pentachlorophenol	17.010	266	156707	17.786	ng/ul	99
72) Phenanthrene	17.410	178	1286489	19.075	ng/ul	100
74) Anthracene	17.498	178	1329648	19.581	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	325764	19.794	ng/uL	99
76) Pentachlorobenzene	14.933	250	310507	19.764	ng/uL	98
77) Carbazole	17.780	167	1218116	19.077	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1585882	19.616	ng/ul	100
80) Fluoranthene	19.427	202	1414912	20.131	ng/ul	97
82) Pyrene	19.786	202	1476714	20.034	ng/ul	100
83) Butylbenzylphthalate	20.704	149	669781	20.231	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	409680	18.803	ng/ul	98
85) Benzo(a)anthracene	21.539	228	1407314	19.371	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1064685	21.005	ng/ul	99
87) Chrysene	21.598	228	1319343	19.320	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	1741563	19.352	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	1307750	19.421	ng/ul	99
91) Benzo(k)fluoranthene	23.303	252	1363608	19.717	ng/ul	99
93) Benzo(a)pyrene	23.892	252	1251913	19.283	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.556	276	1486651	18.936	ng/ul	97
95) Dibenzo(a,h)anthracene	26.585	278	1242519	18.939	ng/ul	99
96) Benzo(g,h,i)perylene	27.344	276	1196379	18.838	ng/ul	97

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

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