Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063937.D
Acq On : 6 Jan 2025 13:12
Operator : RC/JU
Sample : SSTD08098
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080442

Quant Time: Jan 06 16:30:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:14:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	105338	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	401086	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	273245	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	620378	20.000	ng/ul	0.00
79) Chrysene-d12	21.461	240	685539	20.000	ng/ul	0.00
88) Perylene-d12	24.487	264	723039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	101539	32.677	ng/uL	0.00
4) Pyridine-d5	3.664	84	755306	79.782	ng/ul	0.00
7) Phenol-d5	6.984	99	745788	79.736	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.131	67	529561	80.036	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	487435	79.356	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	559022	79.730	ng/ul	0.01
21) Nitrobenzene-d5	8.952	128	254592	83.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	281009	86.055	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	542261	82.787	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	662561	79.999	ng/ul	0.00
46) Dimethylphthalate-d6	13.852	166	1514684	77.396	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	1810066	78.040	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	233935	87.849	ng/ul	0.00
60) Fluorene-d10	15.444	176	1348623	77.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	288224	88.701	ng/ul	0.01
73) Anthracene-d10	17.301	188	2254849	75.029	ng/ul	0.00
81) Pyrene-d10	19.598	212	2753122	78.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.287	264	3004516	81.994	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	105816	29.895	ng/uL	94
5) Pyridine	3.688	79	788700	79.876	ng/ul	93
6) Benzaldehyde	6.937	77	367692	64.969	ng/ul	95
8) Phenol	7.013	94	791362	79.468	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.225	93	624688	78.205	ng/ul	92
12) 2-Chlorophenol	7.366	128	503419	79.450	ng/ul	96
13) 2-Methylphenol	8.253	108	567864	81.184	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.312	45	896723	77.954	ng/ul	99
16) Acetophenone	8.617	105	942542	77.739	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.611	70	549127	78.794	ng/ul	99
18) 4-Methylphenol	8.582	108	608369	79.938	ng/ul	95
19) Hexachloroethane	8.864	117	223833	75.266	ng/ul	98
22) Nitrobenzene	8.999	77	839034	81.014	ng/ul	97
23) Isophorone	9.522	82	1490268	80.114	ng/ul	97
25) 2-Nitrophenol	9.704	139	287700	87.413	ng/ul	95
26) 2,4-Dimethylphenol	9.774	107	609721	82.166	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.998	93	841275	79.961	ng/ul	95
29) 2,4-Dichlorophenol	10.245	162	525864	81.503	ng/ul	96
30) Naphthalene	10.632	128	1651350	78.347	ng/ul	99
32) 4-Chloroaniline	10.750	127	637955	81.118	ng/ul	98
33) Hexachlorobutadiene	10.920	225	418169	78.493	ng/ul	97
34) Caprolactam	11.525	113	179360m	78.380	ng/ul	
35) 4-Chloro-3-methylphenol	11.901	107	552210	81.349	ng/ul#	94
36) 2-Methylnaphthalene	12.248	142	1136705	76.753	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	1125277	76.561	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.630	216	761445	79.651	ng/ul	98
40) Hexachlorocyclopentadiene	12.601	237	300284	83.402	ng/ul	91
41) 2,4,6-Trichlorophenol	12.877	196	441106	86.634	ng/ul	92
42) 2,4,5-Trichlorophenol	12.959	196	447600	86.391	ng/ul	98
43) 1,1'-Biphenyl	13.270	154	1521315	77.367	ng/ul	99
44) 2-Chloronaphthalene	13.312	162	1246705	78.448	ng/ul	99
45) 2-Nitroaniline	13.523	65	433473	87.385	ng/ul	92
47) Dimethylphthalate	13.899	163	1521352	77.323	ng/ul	98
48) 2,6-Dinitrotoluene	14.028	165	321976	85.895	ng/ul	93
50) Acenaphthylene	14.163	152	1879783	77.122	ng/ul	99
51) 3-Nitroaniline	14.357	138	261578	77.591	ng/ul	92
52) Acenaphthene	14.504	153	1325766	77.095	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	157908	84.016	ng/ul	92
55) 4-Nitrophenol	14.698	109	209591	87.273	ng/ul	93
56) Dibenzofuran	14.845	168	1865423	74.893	ng/ul	94
57) 2,4-Dinitrotoluene	14.822	165	462206	82.562	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.080	232	390155	91.177	ng/ul	92
59) Diethylphthalate	15.268	149	1430545	76.031	ng/ul	98
61) Fluorene	15.497	166	1415856	73.295	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.485	204	796173	75.337	ng/ul	99
63) 4-Nitroaniline	15.532	138	255182	77.300	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.597	198	291310	87.078	ng/ul	96
67) N-Nitrosodiphenylamine	15.709	169	1270278	78.136	ng/ul	97
68) 4-Bromophenyl-phenylether	16.384	248	538240	78.435	ng/ul	97
69) Hexachlorobenzene	16.508	284	596061	77.135	ng/ul	96
70) Atrazine	16.666	200	574987	78.273	ng/ul	98
71) Pentachlorophenol	16.860	266	238656	89.654	ng/ul	90
72) Phenanthrene	17.242	178	2510194	73.400	ng/ul	96
74) Anthracene	17.336	178	2540599	73.563	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.235	216	764388	81.133	ng/ul	98
76) Pentachlorobenzene	14.769	250	749551	78.359	ng/ul	99
77) Carbazole	17.607	167	2209942	76.730	ng/ul	95
78) Di-n-butylphthalate	18.165	149	2510087	77.704	ng/ul	98
80) Fluoranthene	19.263	202	3091327	77.066	ng/ul	98
82) Pyrene	19.634	202	3228910	74.439	ng/ul	99
83) Butylbenzylphthalate	20.527	149	1041062	89.181	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.361	252	952984	81.730	ng/ul	94
85) Benzo(a)anthracene	21.443	228	3368893	75.386	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.349	149	1564117	84.226	ng/ul	100
87) Chrysene	21.502	228	3217284	74.563	ng/ul	93
89) Di-n-octyl phthalate	22.489	149	2870297	84.219	ng/ul	100
90) Benzo(b)fluoranthene	23.535	252	3516812	80.370	ng/ul	99
91) Benzo(k)fluoranthene	23.599	252	3566283	78.087	ng/ul	96
93) Benzo(a)pyrene	24.357	252	3365496	80.600	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.924	276	4186777	83.422	ng/ul	97
95) Dibenzo(a,h)anthracene	27.977	278	3370967	84.263	ng/ul	99
96) Benzo(g,h,i)perylene	28.993	276	3257479	82.190	ng/ul	99

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

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