Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063762.D
Acq On : 19 Dec 2024 22:08
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Dec 19 22:46:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020575

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

12/21/2024
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12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	129456	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.585	136	542138	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.440	164	408856	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.189	188	1057319	20.000	ng/ul	-0.02
79) Chrysene-d12	21.437	240	1104424	20.000	ng/ul	-0.02
88) Perylene-d12	24.451	264	1145710	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	26632m	8.062	ng/uL	-0.01
4) Pyridine-d5	3.670	84	206062	19.773	ng/ul	-0.02
7) Phenol-d5	6.990	99	234729	19.688	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.131	67	158967	19.305	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.336	132	154192	19.976	ng/ul	-0.01
15) 4-Methylphenol-d8	8.517	113	180432	19.492	ng/ul	-0.01
21) Nitrobenzene-d5	8.952	128	82489	21.310	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.675	143	94461	21.770	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.221	165	177459	21.124	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.726	131	229694	21.534	ng/ul	-0.02
46) Dimethylphthalate-d6	13.846	166	580183	20.854	ng/ul	-0.01
49) Acenaphthylene-d8	14.128	160	675102	21.287	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.669	143	84239	21.371	ng/ul	0.00
60) Fluorene-d10	15.433	176	547844	22.272	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.568	200	103656	18.882	ng/ul	-0.01
73) Anthracene-d10	17.289	188	1000453	22.008	ng/ul	-0.02
81) Pyrene-d10	19.587	212	1181270	20.554	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.246	264	1139700	21.183	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	30040	7.684	ng/uL	96
5) Pyridine	3.688	79	217099	19.450	ng/ul	92
6) Benzaldehyde	6.943	77	166711	22.795	ng/ul	90
8) Phenol	7.013	94	248879	19.586	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.225	93	193537	19.907	ng/ul	93
12) 2-Chlorophenol	7.371	128	160066	20.486	ng/ul	99
13) 2-Methylphenol	8.253	108	178657	19.453	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.317	45	281139	19.479	ng/ul	98
16) Acetophenone	8.617	105	308712	19.662	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.599	70	174796	18.658	ng/ul#	91
18) 4-Methylphenol	8.582	108	202055	20.102	ng/ul	92
19) Hexachloroethane	8.876	117	72010	18.757	ng/ul	95
22) Nitrobenzene	8.999	77	257047	19.886	ng/ul	99
23) Isophorone	9.516	82	474144	19.413	ng/ul#	98
25) 2-Nitrophenol	9.710	139	94658	21.227	ng/ul	92
26) 2,4-Dimethylphenol	9.775	107	204247	20.185	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.998	93	265516	20.100	ng/ul	95
29) 2,4-Dichlorophenol	10.250	162	177334	21.244	ng/ul	92
30) Naphthalene	10.638	128	556646	20.536	ng/ul	99
32) 4-Chloroaniline	10.750	127	217121	21.394	ng/ul	93
33) Hexachlorobutadiene	10.920	225	123973	18.281	ng/ul	95
34) Caprolactam	11.502	113	70820m	24.543	ng/ul	
35) 4-Chloro-3-methylphenol	11.896	107	203419	20.757	ng/ul#	89
36) 2-Methylnaphthalene	12.254	142	401341	20.602	ng/ul	97

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37) 1-Methylnaphthalene	12.471	142	408647	20.594	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.630	216	250906	19.170	ng/ul	99
40) Hexachlorocyclopentadiene	12.601	237	103098	19.926	ng/ul	99
41) 2,4,6-Trichlorophenol	12.871	196	154997	20.952	ng/ul	99
42) 2,4,5-Trichlorophenol	12.953	196	163684	21.202	ng/ul	92
43) 1,1'-Biphenyl	13.270	154	561879	20.839	ng/ul	95
44) 2-Chloronaphthalene	13.312	162	445168	20.560	ng/ul	97
45) 2-Nitroaniline	13.523	65	154325	21.279	ng/ul	91
47) Dimethylphthalate	13.893	163	577958	20.728	ng/ul	98
48) 2,6-Dinitrotoluene	14.017	165	113491	21.917	ng/ul#	95
50) Acenaphthylene	14.158	152	730378	21.478	ng/ul	98
51) 3-Nitroaniline	14.352	138	123298	25.753	ng/ul	93
52) Acenaphthene	14.504	153	508557	21.100	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	44384m	16.772	ng/ul	
55) 4-Nitrophenol	14.686	109	72166	17.631	ng/ul	90
56) Dibenzofuran	14.839	168	751508	22.116	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	181665	23.610	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.080	232	146724	22.047	ng/ul#	94
59) Diethylphthalate	15.262	149	596154	22.117	ng/ul	98
61) Fluorene	15.491	166	615838	22.697	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.485	204	330868	21.888	ng/ul	93
63) 4-Nitroaniline	15.515	138	131185	27.370	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.585	198	113869	20.134	ng/ul#	91
67) N-Nitrosodiphenylamine	15.703	169	534758	20.886	ng/ul	98
68) 4-Bromophenyl-phenylether	16.379	248	223324	20.725	ng/ul	98
69) Hexachlorobenzene	16.502	284	250973	20.788	ng/ul	99
70) Atrazine	16.655	200	233545	21.579	ng/ul	95
71) Pentachlorophenol	16.854	266	84354	16.572	ng/ul	98
72) Phenanthrene	17.236	178	1129571	22.169	ng/ul	98
74) Anthracene	17.325	178	1143907	22.181	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	258150	18.300	ng/ul	96
76) Pentachlorobenzene	14.763	250	276228	19.765	ng/ul	97
77) Carbazole	17.601	167	998462	23.918	ng/ul	97
78) Di-n-butylphthalate	18.159	149	1172634	23.260	ng/ul	98
80) Fluoranthene	19.258	202	1397824	21.399	ng/ul	99
82) Pyrene	19.616	202	1472504	21.188	ng/ul#	95
83) Butylbenzylphthalate	20.509	149	503503	23.601	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.343	252	439216	22.030	ng/ul#	93
85) Benzo(a)anthracene	21.420	228	1431305	20.679	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.332	149	722603	23.285	ng/ul	99
87) Chrysene	21.484	228	1349373	20.455	ng/ul	98
89) Di-n-octyl phthalate	22.466	149	1240726	25.090	ng/ul	100
90) Benzo(b)fluoranthene	23.494	252	1373847	21.098	ng/ul	100
91) Benzo(k)fluoranthene	23.558	252	1416203	21.803	ng/ul	97
93) Benzo(a)pyrene	24.310	252	1298245	21.241	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.847	276	1611432	21.588	ng/ul	98
95) Dibenzo(a,h)anthracene	27.894	278	1298451	21.740	ng/ul	97
96) Benzo(g,h,i)perylene	28.905	276	1260572m	21.282	ng/ul	

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

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