Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063307.D
Acq On : 12 Nov 2024 2:37
Operator : RC/JU
Sample : PB164614BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 12 03:25:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS614

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

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11/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	103847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	491977	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	435316	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1037717m	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1058836	20.000	ng/ul	# 0.00
88) Perylene-d12	24.515	264	1121694	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	11963	5.209	ng/uL	0.00
4) Pyridine-d5	3.705	84	182541	24.048	ng/ul	0.00
7) Phenol-d5	7.007	99	272417	29.072	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	145995	26.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	188061	30.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	229988	28.957	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	97554	28.205	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	124191	27.782	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	261342	29.790	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	275164	24.081	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	823854	24.161	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	939885	28.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	128022	27.422	ng/ul	0.00
60) Fluorene-d10	15.467	176	766998	26.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	170942	26.211	ng/ul	0.00
73) Anthracene-d10	17.324	188	1260750	28.268	ng/ul	0.00
81) Pyrene-d10	19.621	212	1572975	29.630	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1568741	28.967	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	29965	10.598	ng/uL#	85
5) Pyridine	3.722	79	182881	23.613	ng/ul	95
6) Benzaldehyde	6.977	77	21286	4.110	ng/ul#	86
8) Phenol	7.036	94	288122	28.215	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.259	93	185287	26.679	ng/ul	90
12) 2-Chlorophenol	7.400	128	198099	30.449	ng/ul	100
13) 2-Methylphenol	8.282	108	210879	28.271	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.352	45	259106	29.517	ng/ul#	95
16) Acetophenone	8.652	105	337144	26.364	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.634	70	191003	25.605	ng/ul#	94
18) 4-Methylphenol	8.611	108	251258	29.623	ng/ul	94
19) Hexachloroethane	8.910	117	76342	28.957	ng/ul	91
22) Nitrobenzene	9.034	77	290642	27.253	ng/ul	95
23) Isophorone	9.551	82	544163	24.176	ng/ul	98
25) 2-Nitrophenol	9.739	139	128555	29.092	ng/ul	97
26) 2,4-Dimethylphenol	9.809	107	236160	24.501	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.032	93	288016	26.543	ng/ul	100
29) 2,4-Dichlorophenol	10.279	162	252800	30.567	ng/ul	94
30) Naphthalene	10.673	128	695370	27.623	ng/ul	99
32) 4-Chloroaniline	10.785	127	148032	13.536	ng/ul	92
33) Hexachlorobutadiene	10.961	225	203817	25.749	ng/ul	97
34) Caprolactam	11.537	113	78909m	22.956	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	266068	26.811	ng/ul	91
36) 2-Methylnaphthalene	12.289	142	536286	26.879	ng/ul	99

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37) 1-Methylnaphthalene	12.506	142	526517	25.377	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.659	216	408687	26.632	ng/ul	98
40) Hexachlorocyclopentadiene	12.641	237	122924	14.670	ng/ul	98
41) 2,4,6-Trichlorophenol	12.906	196	241975	29.212	ng/ul	95
42) 2,4,5-Trichlorophenol	12.982	196	259457	28.885	ng/ul	94
43) 1,1'-Biphenyl	13.305	154	774528	28.070	ng/ul	100
44) 2-Chloronaphthalene	13.346	162	606526	28.234	ng/ul	99
45) 2-Nitroaniline	13.552	65	197566	26.961	ng/ul	91
47) Dimethylphthalate	13.928	163	773901	23.670	ng/ul	98
48) 2,6-Dinitrotoluene	14.051	165	170090	27.186	ng/ul	99
50) Acenaphthylene	14.192	152	924508	27.808	ng/ul#	97
51) 3-Nitroaniline	14.380	138	154247	28.245	ng/ul	91
52) Acenaphthene	14.539	153	667058	28.033	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	93266	22.610	ng/ul	98
55) 4-Nitrophenol	14.703	109	139506	22.991	ng/ul	97
56) Dibenzofuran	14.874	168	986429	27.081	ng/ul	97
57) 2,4-Dinitrotoluene	14.844	165	251315	25.398	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.109	232	246013m	26.446	ng/ul	
59) Diethylphthalate	15.297	149	791435	23.610	ng/ul	99
61) Fluorene	15.526	166	832774	27.013	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.520	204	503322	25.404	ng/ul	95
63) 4-Nitroaniline	15.544	138	169418	30.651	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.608	198	185929	27.471	ng/ul	92
67) N-Nitrosodiphenylamine	15.732	169	697298	30.121	ng/ul	98
68) 4-Bromophenyl-phenylether	16.413	248	346153	29.179	ng/ul	94
69) Hexachlorobenzene	16.537	284	362780	28.705	ng/ul	97
70) Atrazine	16.689	200	319880	25.259	ng/ul	99
71) Pentachlorophenol	16.883	266	173452	27.376	ng/ul	93
72) Phenanthrene	17.265	178	1374674m	28.994	ng/ul	
74) Anthracene	17.359	178	1370270	28.212	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.270	216	417192	31.089	ng/ul	93
76) Pentachlorobenzene	14.797	250	432354	30.213	ng/ul	99
77) Carbazole	17.629	167	1148106	28.471	ng/ul	99
78) Di-n-butylphthalate	18.194	149	1322070	28.822	ng/ul	98
80) Fluoranthene	19.286	202	1736773	30.267	ng/ul#	97
82) Pyrene	19.651	202	1808221	29.729	ng/ul#	97
83) Butylbenzylphthalate	20.550	149	580470	32.655	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.378	252	637240	27.988	ng/ul	99
85) Benzo(a)anthracene	21.460	228	1943114	29.012	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.378	149	833421	32.189	ng/ul	97
87) Chrysene	21.525	228	1828127	29.277	ng/ul	98
89) Di-n-octyl phthalate	22.524	149	1448079	32.760	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	1923820	28.506	ng/ul	96
91) Benzo(k)fluoranthene	23.622	252	1936440m	28.807	ng/ul	
93) Benzo(a)pyrene	24.375	252	1778630	28.492	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.947	276	2179953	28.469	ng/ul	96
95) Dibenzo(a,h)anthracene	27.994	278	1815956	29.088	ng/ul	96
96) Benzo(g,h,i)perylene	29.010	276	1658513	28.567	ng/ul	98

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

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