Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
Data File : BF138301.D
Acq On : 24 Jun 2024 10:39
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 11:51:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	279647	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1098371	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	603510	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1031433	20.000	ng		0.00
76) Chrysene-d12	14.045	240	518782	20.000	ng		0.00
86) Perylene-d12	15.516	264	545401	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1271834	76.080	ng		0.00
7) Phenol-d6	6.516	99	1579148	74.496	ng		0.00
23) Nitrobenzene-d5	7.451	82	1438698	76.255	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	488428	81.295	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2657241	70.014	ng		0.00
79) Terphenyl-d14	12.992	244	2735923	83.527	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	282817	36.968	ng		96
3) Pyridine	3.428	79	639403	35.166	ng		96
4) n-Nitrosodimethylamine	3.393	42	294476	34.995	ng		89
6) Aniline	6.551	93	764255	36.847	ng		97
8) 2-Chlorophenol	6.675	128	697367	38.585	ng		98
9) Benzaldehyde	6.440	77	456540	40.550	ng		96
10) Phenol	6.528	94	831378m	38.647	ng		
11) bis(2-Chloroethyl)ether	6.622	93	660170	38.344	ng		99
12) 1,3-Dichlorobenzene	6.828	146	774710	37.718	ng		99
13) 1,4-Dichlorobenzene	6.904	146	786318	38.041	ng		99
14) 1,2-Dichlorobenzene	7.057	146	734185	37.836	ng		100
15) Benzyl Alcohol	7.028	79	551627	38.594	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	867012	35.681	ng		97
17) 2-Methylphenol	7.140	107	552613	38.754	ng		97
18) Hexachloroethane	7.398	117	279409	39.900	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	460511	36.650	ng		99
20) 3+4-Methylphenols	7.293	107	665790	37.096	ng		96
22) Acetophenone	7.298	105	890622	35.495	ng	#	97
24) Nitrobenzene	7.469	77	729276	37.399	ng		97
25) Isophorone	7.704	82	1276327	37.400	ng		97
26) 2-Nitrophenol	7.781	139	378496	48.271	ng		95
27) 2,4-Dimethylphenol	7.816	122	441562	37.015	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	811184	37.972	ng		100
29) 2,4-Dichlorophenol	8.022	162	594173	38.687	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	686007	37.874	ng		98
31) Naphthalene	8.192	128	2006822	36.950	ng		99
32) Benzoic acid	7.934	122	465138m	44.240	ng		
33) 4-Chloroaniline	8.240	127	737527	36.332	ng		97
34) Hexachlorobutadiene	8.304	225	415238	39.199	ng		98
35) Caprolactam	8.616	113	176322	38.027	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	586737	38.369	ng		97
37) 2-Methylnaphthalene	8.881	142	1329932	37.311	ng		100
38) 1-Methylnaphthalene	8.981	142	1313242	37.597	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	664590	37.684	ng		99
41) Hexachlorocyclopentadiene	9.034	237	238072	41.401	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	434247	39.325	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	477221	39.353	ng		97
46) 1,1'-Biphenyl	9.345	154	1642886	37.098	ng		98
47) 2-Chloronaphthalene	9.369	162	1312095	37.490	ng		99
48) 2-Nitroaniline	9.463	65	346366	41.094	ng		96
49) Acenaphthylene	9.787	152	1815067	36.985	ng		99
50) Dimethylphthalate	9.645	163	1430173	38.677	ng		100
51) 2,6-Dinitrotoluene	9.704	165	352580	43.952	ng		96
52) Acenaphthene	9.957	154	1246599	37.251	ng		99
53) 3-Nitroaniline	9.875	138	345738	40.344	ng		97
54) 2,4-Dinitrophenol	9.981	184	148789	44.770	ng	#	87
55) Dibenzofuran	10.128	168	1717228	36.707	ng		100
56) 4-Nitrophenol	10.028	139	242016	35.736	ng		96
57) 2,4-Dinitrotoluene	10.110	165	444331	44.908	ng		99
58) Fluorene	10.475	166	1335968	36.321	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	376351	39.711	ng		99
60) Diethylphthalate	10.345	149	1391221	39.642	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	686432	37.471	ng		99
62) 4-Nitroaniline	10.492	138	335072	39.133	ng		93
63) Azobenzene	10.622	77	1290755	36.711	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	222922	43.221	ng		83
66) n-Nitrosodiphenylamine	10.581	169	1181778	37.425	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	454520	39.107	ng	#	91
68) Hexachlorobenzene	11.016	284	520438	38.371	ng		99
69) Atrazine	11.104	200	329811	36.669	ng		98
70) Pentachlorophenol	11.210	266	305311	38.597	ng		98
71) Phenanthrene	11.433	178	1854552	36.358	ng		100
72) Anthracene	11.486	178	1849960	36.529	ng		99
73) Carbazole	11.639	167	1645137	35.418	ng		99
74) Di-n-butylphthalate	11.969	149	1938753	40.317	ng		99
75) Fluoranthene	12.622	202	1851648	35.599	ng		99
77) Benzidine	12.739	184	403774	67.289	ng		99
78) Pyrene	12.851	202	1842129	41.167	ng		99
80) Butylbenzylphthalate	13.469	149	586681	48.200	ng		98
81) Benzo(a)anthracene	14.033	228	1256738	37.760	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	420001	45.825	ng		100
83) Chrysene	14.074	228	1215449	38.313	ng		99
84) Bis(2-ethylhexyl)phtha...	14.022	149	717802	50.704	ng		98
85) Di-n-octyl phthalate	14.639	149	1154829	54.910	ng		98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1479607	41.615	ng		100
88) Benzo(b)fluoranthene	15.086	252	1150317	35.765	ng		99
89) Benzo(k)fluoranthene	15.116	252	1174423	37.259	ng		100
90) Benzo(a)pyrene	15.457	252	1048090	37.932	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	1219091	41.773	ng		98
92) Benzo(g,h,i)perylene	17.451	276	1250308	41.413	ng		99

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

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