Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
Data File : BF137705.D
Acq On : 23 Apr 2024 20:59
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 24 03:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:33:10 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.069	152	294914	20.000	ng		0.00
21) Naphthalene-d8	8.351	136	1143940	20.000	ng		0.00
39) Acenaphthene-d10	10.116	164	626429	20.000	ng		0.00
64) Phenanthrene-d10	11.610	188	1042402	20.000	ng		0.00
76) Chrysene-d12	14.263	240	595973	20.000	ng	#	0.00
86) Perylene-d12	15.833	264	523368	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	2777899	143.084	ng		0.01
7) Phenol-d6	6.693	99	3497178	141.849	ng		0.02
23) Nitrobenzene-d5	7.640	82	3244057	150.537	ng		0.01
42) 2,4,6-Tribromophenol	10.910	330	938974	148.545	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.204	244	5621017	151.808	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.987	88	662232	76.176	ng		99
3) Pyridine	3.757	79	1785186	77.086	ng		100
4) n-Nitrosodimethylamine	3.740	42	827001	76.517	ng		98
6) Aniline	6.745	93	2346813m	76.460	ng		
8) 2-Chlorophenol	6.857	128	1444086	71.255	ng		96
10) Phenol	6.704	94	1793468	72.817	ng		96
11) bis(2-Chloroethyl)ether	6.804	93	1465256	72.936	ng		96
12) 1,3-Dichlorobenzene	7.010	146	1531275	72.049	ng		99
13) 1,4-Dichlorobenzene	7.087	146	1523615	71.207	ng		99
14) 1,2-Dichlorobenzene	7.245	146	1381901	69.382	ng		99
15) Benzyl Alcohol	7.210	79	1367255	74.133	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.340	45	2254598	72.975	ng		99
17) 2-Methylphenol	7.304	107	1338199	74.320	ng		99
18) Hexachloroethane	7.581	117	560716	74.042	ng		98
19) n-Nitroso-di-n-propyla...	7.487	70	1138336	71.403	ng		98
20) 3+4-Methylphenols	7.469	107	1622552	69.770	ng	#	85
22) Acetophenone	7.481	105	1981605	70.824	ng	#	97
24) Nitrobenzene	7.657	77	1641039	75.374	ng		96
25) Isophorone	7.898	82	3069473	76.692	ng		99
26) 2-Nitrophenol	7.969	139	806928	84.456	ng		99
27) 2,4-Dimethylphenol	7.992	122	1426356	73.997	ng		96
28) bis(2-Chloroethoxy)met...	8.092	93	1808013	73.960	ng		100
29) 2,4-Dichlorophenol	8.204	162	1279091	75.715	ng		99
30) 1,2,4-Trichlorobenzene	8.292	180	1273999	73.988	ng		98
31) Naphthalene	8.381	128	4028282	69.007	ng		99
32) Benzoic acid	8.134	122	1070279	87.691	ng		98
33) 4-Chloroaniline	8.422	127	1772106	71.721	ng		99
34) Hexachlorobutadiene	8.487	225	761852	73.803	ng		98
35) Caprolactam	8.816	113	435214m	79.683	ng		
36) 4-Chloro-3-methylphenol	8.892	107	1362690	76.053	ng		99
37) 2-Methylnaphthalene	9.069	142	2762447	68.947	ng		100
38) 1-Methylnaphthalene	9.169	142	2578423	68.831	ng		99
40) 1,2,4,5-Tetrachloroben...	9.234	216	1247652	72.649	ng		99
41) Hexachlorocyclopentadiene	9.216	237	802878	83.436	ng		99
43) 2,4,6-Trichlorophenol	9.339	196	898171	74.550	ng		99
44) 2,4,5-Trichlorophenol	9.381	196	1050773	76.102	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.534	154	3140816	68.921	ng		98
47) 2-Chloronaphthalene	9.563	162	2533883	72.131	ng		99
48) 2-Nitroaniline	9.651	65	882998	82.487	ng		99
49) Acenaphthylene	9.981	152	3871544	70.671	ng		98
50) Dimethylphthalate	9.839	163	3206185	73.461	ng		100
51) 2,6-Dinitrotoluene	9.898	165	719647	78.258	ng		94
52) Acenaphthene	10.151	154	2527928	71.264	ng		99
53) 3-Nitroaniline	10.075	138	813635	78.733	ng		99
54) 2,4-Dinitrophenol	10.169	184	391391	80.100	ng	#	45
55) Dibenzofuran	10.328	168	3586760	68.979	ng		99
56) 4-Nitrophenol	10.210	139	641937	79.877	ng		97
57) 2,4-Dinitrotoluene	10.304	165	950260	81.968	ng		98
58) Fluorene	10.669	166	2779777	68.418	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	780135	72.968	ng		99
60) Diethylphthalate	10.533	149	2965812	70.651	ng		99
61) 4-Chlorophenyl-phenyle...	10.657	204	1412549	70.362	ng		96
62) 4-Nitroaniline	10.698	138	773455	78.579	ng		99
63) Azobenzene	10.816	77	3023164	70.279	ng		97
65) 4,6-Dinitro-2-methylph...	10.710	198	528765	88.470	ng		96
66) n-Nitrosodiphenylamine	10.781	169	2531366	71.700	ng		98
67) 4-Bromophenyl-phenylether	11.151	248	901360	74.623	ng		98
68) Hexachlorobenzene	11.216	284	879840	74.770	ng		97
69) Atrazine	11.298	200	619987	63.527	ng		99
70) Pentachlorophenol	11.404	266	660265	74.591	ng		99
71) Phenanthrene	11.639	178	3754517	68.041	ng		98
72) Anthracene	11.692	178	3854096	68.210	ng		97
73) Carbazole	11.839	167	3549445	69.315	ng		98
74) Di-n-butylphthalate	12.163	149	4259481	68.236	ng		99
75) Fluoranthene	12.833	202	3883280	66.953	ng		99
77) Benzidine	12.945	184	1057789	75.991	ng		98
78) Pyrene	13.063	202	3914196	80.017	ng		98
80) Butylbenzylphthalate	13.669	149	1481293	85.391	ng		95
81) Benzo(a)anthracene	14.251	228	3106535	74.734	ng		98
82) 3,3'-Dichlorobenzidine	14.210	252	883967	68.731	ng		98
83) Chrysene	14.292	228	2868438	73.854	ng		97
84) Bis(2-ethylhexyl)phtha...	14.221	149	2091025	79.817	ng		100
85) Di-n-octyl phthalate	14.851	149	3123466	79.373	ng		99
87) Indeno(1,2,3-cd)pyrene	17.486	276	2763046	95.213	ng		99
88) Benzo(b)fluoranthene	15.363	252	2572739	76.819	ng		100
89) Benzo(k)fluoranthene	15.398	252	2335464	70.941	ng		100
90) Benzo(a)pyrene	15.768	252	2321518	77.272	ng		100
91) Dibenzo(a,h)anthracene	17.515	278	2255206	93.647	ng		100
92) Benzo(g,h,i)perylene	17.998	276	2322009	99.158	ng		99

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

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