Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135977.D
Acq On : 27 Oct 2023 10:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 27 22:28:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2023
Supervised By :mohammad ahmed 10/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	176153	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	677489	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	348261	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	644858	20.000	ng		0.00
76) Chrysene-d12	14.016	240	408476	20.000	ng		0.00
86) Perylene-d12	15.504	264	396175	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	909432	79.721	ng		0.00
7) Phenol-d6	6.457	99	1128698	79.474	ng		0.00
23) Nitrobenzene-d5	7.392	82	940616	89.121	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	297180	97.490	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1703870	78.341	ng		0.00
79) Terphenyl-d14	12.957	244	2035875	83.273	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.605	88	204225	38.539	ng		97
3) Pyridine	3.363	79	568189	38.847	ng		99
4) n-Nitrosodimethylamine	3.334	42	241611	37.885	ng		98
6) Aniline	6.498	93	744612	38.938	ng		97
8) 2-Chlorophenol	6.610	128	481152	40.743	ng		98
9) Benzaldehyde	6.381	77	308006	40.091	ng		97
10) Phenol	6.475	94	593676m	39.985	ng		
11) bis(2-Chloroethyl)ether	6.569	93	449466	38.892	ng		97
12) 1,3-Dichlorobenzene	6.769	146	487779	38.886	ng		98
13) 1,4-Dichlorobenzene	6.845	146	485722	38.555	ng		97
14) 1,2-Dichlorobenzene	6.998	146	452246	38.658	ng		99
15) Benzyl Alcohol	6.969	79	404993	40.339	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	635753	37.355	ng		98
17) 2-Methylphenol	7.075	107	411516	39.537	ng		98
18) Hexachloroethane	7.340	117	171790	40.103	ng		95
19) n-Nitroso-di-n-propyla...	7.245	70	313947	38.874	ng		97
20) 3+4-Methylphenols	7.234	107	499836	39.789	ng		93
22) Acetophenone	7.240	105	605821	39.592	ng	#	94
24) Nitrobenzene	7.410	77	478962	42.976	ng		97
25) Isophorone	7.651	82	871978	40.718	ng		97
26) 2-Nitrophenol	7.728	139	218008	53.010	ng		91
27) 2,4-Dimethylphenol	7.763	122	404587	41.453	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	528649	40.200	ng		99
29) 2,4-Dichlorophenol	7.963	162	386417	44.213	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	404863	40.913	ng		99
31) Naphthalene	8.134	128	1339012	40.880	ng		99
32) Benzoic acid	7.875	122	301463m	57.381	ng		
33) 4-Chloroaniline	8.181	127	596527	41.205	ng		98
34) Hexachlorobutadiene	8.251	225	228030	40.883	ng		99
35) Caprolactam	8.557	113	130933	45.018	ng		98
36) 4-Chloro-3-methylphenol	8.657	107	401967	43.278	ng		99
37) 2-Methylnaphthalene	8.822	142	884135	40.796	ng		100
38) 1-Methylnaphthalene	8.922	142	831692	41.071	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	395700	40.229	ng		100
41) Hexachlorocyclopentadiene	8.975	237	219169	45.188	ng		100
43) 2,4,6-Trichlorophenol	9.098	196	263099	45.700	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	310844	45.475	ng		98
46) 1,1'-Biphenyl	9.292	154	1069734	40.537	ng		98
47) 2-Chloronaphthalene	9.316	162	792176	40.585	ng		99
48) 2-Nitroaniline	9.410	65	254443	47.821	ng		92
49) Acenaphthylene	9.728	152	1251624	40.646	ng		99
50) Dimethylphthalate	9.592	163	935449	41.420	ng		100
51) 2,6-Dinitrotoluene	9.651	165	209030	44.984	ng		94
52) Acenaphthene	9.904	154	823714	41.740	ng		99
53) 3-Nitroaniline	9.822	138	247460	44.533	ng		95
54) 2,4-Dinitrophenol	9.922	184	80868	59.205	ng		99
55) Dibenzofuran	10.075	168	1155118	40.517	ng		99
56) 4-Nitrophenol	9.975	139	191731	45.014	ng		97
57) 2,4-Dinitrotoluene	10.057	165	271778	47.028	ng		99
58) Fluorene	10.422	166	857319	40.195	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	243453	47.331	ng		98
60) Diethylphthalate	10.298	149	895881	41.598	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	420322	40.853	ng		96
62) 4-Nitroaniline	10.439	138	245291	44.584	ng		91
63) Azobenzene	10.575	77	876544	40.106	ng		98
65) 4,6-Dinitro-2-methylph...	10.463	198	126118	55.738	ng		99
66) n-Nitrosodiphenylamine	10.533	169	803841	41.262	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	275350	41.694	ng		97
68) Hexachlorobenzene	10.969	284	293567	41.613	ng	#	88
69) Atrazine	11.063	200	216163	40.703	ng		100
70) Pentachlorophenol	11.157	266	199978	46.572	ng		99
71) Phenanthrene	11.386	178	1333472	40.873	ng		100
72) Anthracene	11.439	178	1393179	41.705	ng		100
73) Carbazole	11.592	167	1225725	41.132	ng		99
74) Di-n-butylphthalate	11.933	149	1355608	42.750	ng		99
75) Fluoranthene	12.580	202	1427050	41.577	ng		100
77) Benzidine	12.704	184	404668	51.378	ng		100
78) Pyrene	12.810	202	1447436	42.203	ng		99
80) Butylbenzylphthalate	13.439	149	537355	41.978	ng		95
81) Benzo(a)anthracene	14.004	228	1117383	40.231	ng		99
82) 3,3'-Dichlorobenzidine	13.969	252	377440	44.668	ng		100
83) Chrysene	14.045	228	1098177	40.597	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	596148	42.270	ng		99
85) Di-n-octyl phthalate	14.627	149	962358	43.316	ng		99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1001075	44.563	ng		99
88) Benzo(b)fluoranthene	15.063	252	959729	40.706	ng		99
89) Benzo(k)fluoranthene	15.098	252	899528	38.847	ng		99
90) Benzo(a)pyrene	15.439	252	896925	41.276	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	824267	42.897	ng		98
92) Benzo(g,h,i)perylene	17.480	276	834407	38.961	ng		99

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

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