Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF140994.D
Acq On : 27 Dec 2024 13:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 27 14:47:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	288140	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1113818	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	585823	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	1000383	20.000	ng	0.00
76) Chrysene-d12	13.986	240	654182	20.000	ng	0.00
86) Perylene-d12	15.433	264	576625	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1461537	76.459	ng	0.00
7) Phenol-d6	6.451	99	1872033	76.023	ng	0.00
23) Nitrobenzene-d5	7.393	82	1601498	91.990	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	480628	84.432	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2760974	75.089	ng	0.00
79) Terphenyl-d14	12.933	244	3050563	77.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	339933	39.280	ng	100
3) Pyridine	3.299	79	851996	40.285	ng	99
4) n-Nitrosodimethylamine	3.246	42	423849	39.553	ng	99
6) Aniline	6.493	93	891247	40.582	ng	99
8) 2-Chlorophenol	6.610	128	780352	38.720	ng	99
9) Benzaldehyde	6.375	77	526226	44.682	ng	99
10) Phenol	6.463	94	980007m	38.488	ng	
11) bis(2-Chloroethyl)ether	6.563	93	759114	36.923	ng	99
12) 1,3-Dichlorobenzene	6.769	146	866844	38.974	ng	99
13) 1,4-Dichlorobenzene	6.845	146	867566	38.694	ng	99
14) 1,2-Dichlorobenzene	6.998	146	800923	38.312	ng	99
15) Benzyl Alcohol	6.969	79	672138	37.984	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1177980	37.887	ng	99
17) 2-Methylphenol	7.075	107	641715	38.327	ng	100
18) Hexachloroethane	7.345	117	311855	39.154	ng	100
19) n-Nitroso-di-n-propyla...	7.245	70	557075	36.927	ng	99
20) 3+4-Methylphenols	7.228	107	814911	38.461	ng	98
22) Acetophenone	7.240	105	1038352	38.002	ng	100
24) Nitrobenzene	7.410	77	870199	44.733	ng	98
25) Isophorone	7.651	82	1440881	38.034	ng	100
26) 2-Nitrophenol	7.728	139	356081	45.034	ng	99
27) 2,4-Dimethylphenol	7.757	122	542720	39.199	ng	100
28) bis(2-Chloroethoxy)met...	7.863	93	910595	37.937	ng	99
29) 2,4-Dichlorophenol	7.963	162	621770	39.596	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	696183	39.171	ng	100
31) Naphthalene	8.134	128	2257008	38.456	ng	100
32) Benzoic acid	7.863	122	479873	43.059	ng	97
33) 4-Chloroaniline	8.181	127	805822	37.952	ng	100
34) Hexachlorobutadiene	8.251	225	407709	38.912	ng	99
35) Caprolactam	8.545	113	209436m	39.233	ng	
36) 4-Chloro-3-methylphenol	8.651	107	674230	38.663	ng	99
37) 2-Methylnaphthalene	8.822	142	1438837	38.321	ng	99
38) 1-Methylnaphthalene	8.922	142	1393127	37.754	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	632502	39.245	ng	100
41) Hexachlorocyclopentadiene	8.975	237	217647	40.751	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	430134	40.100	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	452225	41.204	ng		100
46) 1,1'-Biphenyl	9.286	154	1736208	38.706	ng		100
47) 2-Chloronaphthalene	9.310	162	1335122	38.378	ng		99
48) 2-Nitroaniline	9.398	65	409210	45.257	ng		97
49) Acenaphthylene	9.722	152	1945996	38.857	ng		100
50) Dimethylphthalate	9.586	163	1501321	38.961	ng		100
51) 2,6-Dinitrotoluene	9.645	165	347234	44.477	ng		96
52) Acenaphthene	9.898	154	1314751	38.833	ng		100
53) 3-Nitroaniline	9.810	138	375390	44.203	ng	#	94
54) 2,4-Dinitrophenol	9.910	184	116362	47.390	ng	#	39
55) Dibenzofuran	10.069	168	1831787	38.499	ng		99
56) 4-Nitrophenol	9.957	139	288447	43.761	ng		97
57) 2,4-Dinitrotoluene	10.045	165	442593	46.211	ng		96
58) Fluorene	10.410	166	1395040	37.810	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	369514	40.652	ng		100
60) Diethylphthalate	10.286	149	1477637	38.843	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	669688	37.721	ng		99
62) 4-Nitroaniline	10.422	138	370383	43.704	ng		95
63) Azobenzene	10.563	77	1533221	38.398	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	186091	46.917	ng		97
66) n-Nitrosodiphenylamine	10.522	169	1233641	39.161	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	439374	40.629	ng		98
68) Hexachlorobenzene	10.957	284	470563	39.462	ng		100
69) Atrazine	11.045	200	316431	35.956	ng		99
70) Pentachlorophenol	11.145	266	321201	43.264	ng		99
71) Phenanthrene	11.369	178	2067906	39.276	ng		100
72) Anthracene	11.422	178	2007394	38.909	ng		100
73) Carbazole	11.575	167	1931005	38.935	ng		100
74) Di-n-butylphthalate	11.910	149	2208413	39.149	ng		100
75) Fluoranthene	12.557	202	2162264	37.866	ng		99
77) Benzidine	12.680	184	696326	50.365	ng		99
78) Pyrene	12.786	202	2211440	38.653	ng		100
80) Butylbenzylphthalate	13.410	149	844457	40.421	ng		97
81) Benzo(a)anthracene	13.974	228	1722198	37.774	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	531369	38.791	ng		98
83) Chrysene	14.010	228	1616888	39.340	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1072600	39.580	ng		100
85) Di-n-octyl phthalate	14.586	149	1597422	40.727	ng		100
87) Indeno(1,2,3-cd)pyrene	16.886	276	1489165	40.992	ng		99
88) Benzo(b)fluoranthene	15.016	252	1429886	35.555	ng		100
89) Benzo(k)fluoranthene	15.045	252	1413840	44.855	ng		99
90) Benzo(a)pyrene	15.374	252	1230603	39.424	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	1207121	40.991	ng		99
92) Benzo(g,h,i)perylene	17.321	276	1219629	39.931	ng		99

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

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