Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140604.D
Acq On : 25 Nov 2024 15:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 16:13:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	106607	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	393427	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	218835	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	396344	20.000	ng	0.00
76) Chrysene-d12	14.051	240	217927	20.000	ng	0.00
86) Perylene-d12	15.551	264	192376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	491503	78.663	ng	0.00
7) Phenol-d6	6.510	99	648459	78.504	ng	0.00
23) Nitrobenzene-d5	7.434	82	594260	77.261	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	180057	76.932	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1121902	76.385	ng	0.00
79) Terphenyl-d14	12.980	244	1096447	78.343	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	107772	41.024	ng	99
3) Pyridine	3.410	79	266084	46.035	ng	99
4) n-Nitrosodimethylamine	3.363	42	126830	37.334	ng	90
6) Aniline	6.534	93	266963	45.917	ng	94
8) 2-Chlorophenol	6.663	128	259569	38.614	ng	96
9) Benzaldehyde	6.422	77	180830	41.353	ng	99
10) Phenol	6.522	94	336793	39.924	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	255585	39.593	ng	100
12) 1,3-Dichlorobenzene	6.810	146	294808	39.031	ng	100
13) 1,4-Dichlorobenzene	6.887	146	298643	39.049	ng	100
14) 1,2-Dichlorobenzene	7.040	146	279852	39.050	ng	99
15) Benzyl Alcohol	7.016	79	232661	37.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	304785	39.966	ng	84
17) 2-Methylphenol	7.128	107	217336	40.390	ng	95
18) Hexachloroethane	7.381	117	111096	38.893	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	186820	38.269	ng	99
20) 3+4-Methylphenols	7.281	107	268518	38.823	ng	96
22) Acetophenone	7.281	105	365107	38.065	ng	99
24) Nitrobenzene	7.457	77	308535	38.812	ng	96
25) Isophorone	7.692	82	503490	39.246	ng	100
26) 2-Nitrophenol	7.769	139	141776	40.245	ng	98
27) 2,4-Dimethylphenol	7.804	122	176239m	41.812	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	309243	39.568	ng	99
29) 2,4-Dichlorophenol	8.016	162	223293	39.979	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	252061	39.526	ng	98
31) Naphthalene	8.175	128	797717	39.364	ng	99
32) Benzoic acid	7.934	122	132755	37.962	ng	100
33) 4-Chloroaniline	8.222	127	263806	43.479	ng	100
34) Hexachlorobutadiene	8.287	225	165629	39.213	ng	99
35) Caprolactam	8.592	113	69550	40.238	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	246142	39.361	ng	99
37) 2-Methylnaphthalene	8.863	142	504190	39.171	ng	99
38) 1-Methylnaphthalene	8.963	142	500451	39.666	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	250880	39.161	ng	99
41) Hexachlorocyclopentadiene	9.016	237	46360	36.552	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	156633	38.964	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	172838	39.616	ng	97
46) 1,1'-Biphenyl	9.328	154	642257	39.310	ng	100
47) 2-Chloronaphthalene	9.357	162	486075	39.263	ng	98
48) 2-Nitroaniline	9.451	65	153653	38.667	ng	99
49) Acenaphthylene	9.769	152	731583	39.111	ng	100
50) Dimethylphthalate	9.628	163	551498	38.266	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129715	39.685	ng	97
52) Acenaphthene	9.945	154	459493	38.661	ng	99
53) 3-Nitroaniline	9.863	138	123678	38.687	ng	100
54) 2,4-Dinitrophenol	9.975	184	53762	36.476	ng	96
55) Dibenzofuran	10.116	168	691740	38.157	ng	99
56) 4-Nitrophenol	10.039	139	76021	34.868	ng	91
57) 2,4-Dinitrotoluene	10.098	165	170311	39.205	ng	96
58) Fluorene	10.457	166	558411	38.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	137290	40.946	ng	94
60) Diethylphthalate	10.328	149	560563	38.281	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	274540	38.445	ng	98
62) 4-Nitroaniline	10.480	138	128027	38.184	ng	95
63) Azobenzene	10.610	77	539858	38.931	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	86152	42.537	ng	98
66) n-Nitrosodiphenylamine	10.569	169	462263	39.439	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	162863	39.900	ng	96
68) Hexachlorobenzene	11.010	284	187402	39.651	ng	100
69) Atrazine	11.092	200	129628	39.313	ng	98
70) Pentachlorophenol	11.210	266	83757	40.265	ng	99
71) Phenanthrene	11.422	178	747251	39.222	ng	99
72) Anthracene	11.475	178	738198	39.611	ng	99
73) Carbazole	11.633	167	703386	39.233	ng	100
74) Di-n-butylphthalate	11.951	149	816492	39.448	ng	100
75) Fluoranthene	12.616	202	798194	38.587	ng	100
77) Benzidine	12.739	184	344350	54.347	ng	100
78) Pyrene	12.845	202	806670	40.033	ng	99
80) Butylbenzylphthalate	13.457	149	294831	40.617	ng	100
81) Benzo(a)anthracene	14.039	228	560182	38.832	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	174748	40.346	ng	99
83) Chrysene	14.080	228	527192	39.966	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	368655	40.221	ng	100
85) Di-n-octyl phthalate	14.651	149	501073	40.002	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	477561	38.092	ng	98
88) Benzo(b)fluoranthene	15.115	252	440892	36.487	ng	100
89) Benzo(k)fluoranthene	15.145	252	441576	41.760	ng	100
90) Benzo(a)pyrene	15.492	252	395447	40.250	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	391367	38.118	ng	99
92) Benzo(g,h,i)perylene	17.515	276	393138	37.523	ng	98

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

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