Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140539.D
Acq On : 21 Nov 2024 16:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 21 17:17:28 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 11/22/2024
Supervised By :mohammad ahmed 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106707	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	411509	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234805	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	433198	20.000	ng	0.00
76) Chrysene-d12	14.051	240	229401	20.000	ng	0.00
86) Perylene-d12	15.539	264	204401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	494019	78.992	ng	0.00
7) Phenol-d6	6.516	99	664030	80.313	ng	0.00
23) Nitrobenzene-d5	7.440	82	637619	79.256	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	196904	78.409	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1221993	77.541	ng	0.00
79) Terphenyl-d14	12.986	244	1200567	81.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	100710	38.300	ng	100
3) Pyridine	3.410	79	255881	44.228	ng	98
4) n-Nitrosodimethylamine	3.375	42	136528	40.151	ng	99
6) Aniline	6.540	93	276326	47.483	ng	92
8) 2-Chlorophenol	6.663	128	266553	39.616	ng	99
9) Benzaldehyde	6.428	77	163526	37.361	ng	99
10) Phenol	6.528	94	344359	40.783	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	258767	40.048	ng	99
12) 1,3-Dichlorobenzene	6.816	146	297490	39.349	ng	99
13) 1,4-Dichlorobenzene	6.893	146	295726	38.631	ng	99
14) 1,2-Dichlorobenzene	7.045	146	280451	39.097	ng	99
15) Benzyl Alcohol	7.016	79	254571	41.519	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	309539	40.551	ng	94
17) 2-Methylphenol	7.134	107	218551	40.577	ng	99
18) Hexachloroethane	7.381	117	113372	39.653	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	203944	41.737	ng	99
20) 3+4-Methylphenols	7.287	107	287386	41.512	ng	98
22) Acetophenone	7.287	105	391707	39.044	ng	99
24) Nitrobenzene	7.457	77	328924	39.559	ng	100
25) Isophorone	7.692	82	540659	40.292	ng	99
26) 2-Nitrophenol	7.775	139	149777	40.648	ng	98
27) 2,4-Dimethylphenol	7.810	122	184388m	41.823	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	331055	40.498	ng	99
29) 2,4-Dichlorophenol	8.016	162	234150	40.081	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	260757	39.093	ng	100
31) Naphthalene	8.181	128	827649	39.047	ng	99
32) Benzoic acid	7.940	122	143496	38.990	ng	98
33) 4-Chloroaniline	8.228	127	281571	44.368	ng	99
34) Hexachlorobutadiene	8.292	225	175267	39.671	ng	99
35) Caprolactam	8.604	113	71907	39.774	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	266539	40.750	ng	99
37) 2-Methylnaphthalene	8.869	142	543169	40.345	ng	100
38) 1-Methylnaphthalene	8.969	142	527506	39.973	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	269183	39.160	ng	100
41) Hexachlorocyclopentadiene	9.016	237	52904	38.411	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	170801	39.599	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189761	40.537	ng	98
46) 1,1'-Biphenyl	9.334	154	680681	38.828	ng	100
47) 2-Chloronaphthalene	9.357	162	518275	39.017	ng	100
48) 2-Nitroaniline	9.457	65	170700	40.035	ng	100
49) Acenaphthylene	9.775	152	784313	39.078	ng	99
50) Dimethylphthalate	9.634	163	602216	38.943	ng	100
51) 2,6-Dinitrotoluene	9.698	165	138359	39.450	ng	99
52) Acenaphthene	9.945	154	492836m	38.646	ng	
53) 3-Nitroaniline	9.869	138	139591	40.695	ng	100
54) 2,4-Dinitrophenol	9.981	184	56887	36.079	ng	99
55) Dibenzofuran	10.116	168	744040	38.251	ng	98
56) 4-Nitrophenol	10.039	139	92459	39.523	ng	100
57) 2,4-Dinitrotoluene	10.104	165	186272	39.963	ng	98
58) Fluorene	10.463	166	600980	38.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	149963	41.683	ng	97
60) Diethylphthalate	10.334	149	617727	39.316	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	301095	39.295	ng	99
62) 4-Nitroaniline	10.486	138	142019	39.476	ng	99
63) Azobenzene	10.610	77	581247	39.065	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	91723	41.435	ng	98
66) n-Nitrosodiphenylamine	10.575	169	503313	39.288	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	178577	40.028	ng	97
68) Hexachlorobenzene	11.010	284	204574	39.602	ng	97
69) Atrazine	11.098	200	122529	33.999	ng	98
70) Pentachlorophenol	11.210	266	95191	41.869	ng	100
71) Phenanthrene	11.428	178	797226	38.285	ng	100
72) Anthracene	11.480	178	790118	38.790	ng	99
73) Carbazole	11.633	167	751892	38.371	ng	100
74) Di-n-butylphthalate	11.957	149	901629	39.855	ng	100
75) Fluoranthene	12.616	202	858783	37.984	ng	99
77) Benzidine	12.739	184	312946	46.921	ng	99
78) Pyrene	12.851	202	853393	40.234	ng	99
80) Butylbenzylphthalate	13.457	149	316818	41.463	ng	96
81) Benzo(a)anthracene	14.039	228	595609	39.222	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	183754	40.304	ng	98
83) Chrysene	14.074	228	536182	38.615	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	389023	40.320	ng	99
85) Di-n-octyl phthalate	14.639	149	521198	39.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	547676	41.115	ng	99
88) Benzo(b)fluoranthene	15.104	252	468137	36.463	ng	99
89) Benzo(k)fluoranthene	15.133	252	461600	41.086	ng	100
90) Benzo(a)pyrene	15.480	252	419613	40.197	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	453589	41.579	ng	99
92) Benzo(g,h,i)perylene	17.509	276	452415	40.641	ng	99

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

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