Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140026.D
Acq On : 25 Oct 2024 09:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 25 11:34:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100599	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	369482	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	203472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	361854	20.000	ng	0.00
76) Chrysene-d12	14.057	240	185591	20.000	ng	0.00
86) Perylene-d12	15.533	264	185466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	490311	76.301	ng	0.00
7) Phenol-d6	6.510	99	617739	74.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	571602	85.742	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	172157	90.456	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1013519	82.323	ng	0.00
79) Terphenyl-d14	12.998	244	985006	86.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	107350	35.830	ng	97
3) Pyridine	3.434	79	273195	36.786	ng	98
4) n-Nitrosodimethylamine	3.387	42	149148	37.380	ng	94
6) Aniline	6.551	93	284943	36.735	ng	99
8) 2-Chlorophenol	6.675	128	253124	38.531	ng	100
9) Benzaldehyde	6.440	77	178867	38.203	ng	100
10) Phenol	6.528	94	324375m	37.804	ng	
11) bis(2-Chloroethyl)ether	6.628	93	245207	36.973	ng	99
12) 1,3-Dichlorobenzene	6.834	146	300713	39.877	ng	99
13) 1,4-Dichlorobenzene	6.910	146	301266	39.987	ng	99
14) 1,2-Dichlorobenzene	7.063	146	278895	39.664	ng	99
15) Benzyl Alcohol	7.028	79	236989	38.818	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	375969	33.247	ng	98
17) 2-Methylphenol	7.134	107	210794	37.630	ng	98
18) Hexachloroethane	7.404	117	109307	40.685	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	179696	35.599	ng	97
20) 3+4-Methylphenols	7.287	107	268499	37.474	ng	96
22) Acetophenone	7.298	105	353424	39.053	ng	100
24) Nitrobenzene	7.475	77	297444	40.695	ng	99
25) Isophorone	7.710	82	478645	37.828	ng	99
26) 2-Nitrophenol	7.786	139	130395	47.289	ng	98
27) 2,4-Dimethylphenol	7.816	122	172240	37.461	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	285457	37.236	ng	100
29) 2,4-Dichlorophenol	8.028	162	209892	40.078	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	240124	41.437	ng	99
31) Naphthalene	8.198	128	761009	39.936	ng	100
32) Benzoic acid	7.922	122	169660	42.307	ng	98
33) 4-Chloroaniline	8.239	127	253113	38.954	ng	99
34) Hexachlorobutadiene	8.310	225	156883	43.088	ng	99
35) Caprolactam	8.610	113	64874	38.959	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	234625	40.460	ng	99
37) 2-Methylnaphthalene	8.886	142	464526	39.804	ng	100
38) 1-Methylnaphthalene	8.986	142	456600	39.878	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	226415	41.246	ng	99
41) Hexachlorocyclopentadiene	9.039	237	84227	44.097	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	155148	39.921	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	169040	42.158	ng		99
46) 1,1'-Biphenyl	9.351	154	568270	40.119	ng		99
47) 2-Chloronaphthalene	9.375	162	460654	40.379	ng		99
48) 2-Nitroaniline	9.469	65	154207	44.196	ng		94
49) Acenaphthylene	9.792	152	661678	40.118	ng		100
50) Dimethylphthalate	9.645	163	498125	39.303	ng		100
51) 2,6-Dinitrotoluene	9.710	165	118030	43.012	ng		98
52) Acenaphthene	9.963	154	440575	41.294	ng		100
53) 3-Nitroaniline	9.875	138	119199	42.122	ng		99
54) 2,4-Dinitrophenol	9.980	184	60588	55.333	ng	#	1
55) Dibenzofuran	10.133	168	616622	40.281	ng		99
56) 4-Nitrophenol	10.028	139	95641	43.929	ng		96
57) 2,4-Dinitrotoluene	10.110	165	156434	46.357	ng		98
58) Fluorene	10.475	166	472456	40.521	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	131621	41.873	ng		98
60) Diethylphthalate	10.345	149	487688	39.191	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	237256	40.295	ng		99
62) 4-Nitroaniline	10.486	138	116053	43.421	ng		94
63) Azobenzene	10.627	77	496602	37.643	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	82621	55.977	ng		97
66) n-Nitrosodiphenylamine	10.586	169	421255	38.896	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	150695	40.425	ng		99
68) Hexachlorobenzene	11.022	284	171877	40.996	ng		99
69) Atrazine	11.110	200	114582	39.057	ng		99
70) Pentachlorophenol	11.216	266	116313	45.712	ng		98
71) Phenanthrene	11.439	178	675090	39.496	ng		100
72) Anthracene	11.492	178	671151	40.244	ng		99
73) Carbazole	11.645	167	613054	39.527	ng		99
74) Di-n-butylphthalate	11.974	149	685274	38.243	ng		100
75) Fluoranthene	12.627	202	698706	40.436	ng		98
77) Benzidine	12.745	184	157775	51.700	ng		99
78) Pyrene	12.857	202	700292	43.107	ng		99
80) Butylbenzylphthalate	13.474	149	209229	42.959	ng		99
81) Benzo(a)anthracene	14.045	228	492668	40.779	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	155460	44.133	ng		99
83) Chrysene	14.080	228	444233	40.104	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	227965	41.719	ng	#	98
85) Di-n-octyl phthalate	14.645	149	357150	35.934	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	499132	41.833	ng		96
88) Benzo(b)fluoranthene	15.098	252	416538	36.869	ng		99
89) Benzo(k)fluoranthene	15.127	252	404189	41.483	ng		99
90) Benzo(a)pyrene	15.468	252	375675	40.412	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	410330	41.225	ng		97
92) Benzo(g,h,i)perylene	17.486	276	427584	43.007	ng		96

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

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