Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
Data File : BG059939.D
Acq On : 4 Dec 2023 20:05
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 05 01:45:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 01:36:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	55260	20.000	ng	0.00
21) Naphthalene-d8	10.768	136	208114	20.000	ng	0.00
39) Acenaphthene-d10	14.599	164	215455	20.000	ng	0.00
64) Phenanthrene-d10	17.348	188	778639	20.000	ng	0.00
76) Chrysene-d12	21.620	240	1125905	20.000	ng	0.00
86) Perylene-d12	24.816	264	1309734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	226353	90.913	ng	0.00
7) Phenol-d6	7.113	99	385343	100.933	ng	0.00
23) Nitrobenzene-d5	9.123	82	496581	82.622	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	587577	76.345	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	1647302	79.021	ng	0.00
79) Terphenyl-d14	19.975	244	4901073	74.825	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	39539	47.445	ng	100
3) Pyridine	3.829	79	120177	49.759	ng	100
4) n-Nitrosodimethylamine	3.741	42	61508	36.353	ng	100
6) Aniline	7.284	93	260321	63.486	ng	100
8) 2-Chlorophenol	7.519	128	111599	44.541	ng	100
9) Benzaldehyde	7.096	77	134362	46.209	ng	100
10) Phenol	7.143	94	192899	50.519	ng	100
11) bis(2-Chloroethyl)ether	7.378	93	119271	49.823	ng	100
12) 1,3-Dichlorobenzene	7.848	146	142133	35.944	ng	100
13) 1,4-Dichlorobenzene	7.995	146	151213	37.689	ng	100
14) 1,2-Dichlorobenzene	8.312	146	155642	38.163	ng	100
15) Benzyl Alcohol	8.194	79	193316	43.856	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.488	45	69771	77.545	ng	100
17) 2-Methylphenol	8.394	107	129039	47.207	ng	100
18) Hexachloroethane	9.046	117	60289	35.153	ng	100
19) n-Nitroso-di-n-propyla...	8.770	70	148339	47.996	ng	100
20) 3+4-Methylphenols	8.723	107	187598	47.657	ng	100
22) Acetophenone	8.782	105	278753	41.682	ng	100
24) Nitrobenzene	9.164	77	237348	40.616	ng	100
25) Isophorone	9.687	82	417612	45.575	ng	100
26) 2-Nitrophenol	9.875	139	74713	40.185	ng	100
27) 2,4-Dimethylphenol	9.928	122	128839	57.284	ng	100
28) bis(2-Chloroethoxy)met...	10.174	93	190255	49.833	ng	100
29) 2,4-Dichlorophenol	10.409	162	207742	38.623	ng	100
30) 1,2,4-Trichlorobenzene	10.627	180	277756	34.065	ng	100
31) Naphthalene	10.821	128	423040	40.366	ng	100
32) Benzoic acid	10.051	122	92185m	43.101	ng	
33) 4-Chloroaniline	10.921	127	186299	47.395	ng	100
34) Hexachlorobutadiene	11.103	225	320676	33.313	ng	100
35) Caprolactam	11.702	113	44099	45.739	ng	100
36) 4-Chloro-3-methylphenol	12.037	107	179145	38.157	ng	100
37) 2-Methylnaphthalene	12.425	142	388507	38.842	ng	100
38) 1-Methylnaphthalene	12.642	142	352745	36.635	ng	100
40) 1,2,4,5-Tetrachloroben...	12.789	216	646680	42.242	ng	100
41) Hexachlorocyclopentadiene	12.771	237	393098	52.112	ng	100
43) 2,4,6-Trichlorophenol	13.024	196	317008	39.974	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	370278	41.721	ng		100
46) 1,1'-Biphenyl	13.435	154	645510	41.851	ng		100
47) 2-Chloronaphthalene	13.476	162	538885	39.100	ng		100
48) 2-Nitroaniline	13.670	65	114764	41.872	ng		100
49) Acenaphthylene	14.322	152	794045	44.476	ng		100
50) Dimethylphthalate	14.058	163	765488	41.210	ng		100
51) 2,6-Dinitrotoluene	14.170	165	163926	41.307	ng		100
52) Acenaphthene	14.663	154	563113	42.076	ng		100
53) 3-Nitroaniline	14.499	138	108615	45.737	ng		100
54) 2,4-Dinitrophenol	14.698	184	144611	43.391	ng		100
55) Dibenzofuran	14.998	168	976819	41.480	ng		100
56) 4-Nitrophenol	14.798	139	85423	45.906	ng		100
57) 2,4-Dinitrotoluene	14.957	165	234300	39.784	ng		100
58) Fluorene	15.650	166	832811	40.174	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	428461	40.287	ng		100
60) Diethylphthalate	15.421	149	701559	44.219	ng		100
61) 4-Chlorophenyl-phenyle...	15.644	204	759821	41.356	ng		100
62) 4-Nitroaniline	15.662	138	118781	43.675	ng		100
63) Azobenzene	15.932	77	736532	45.407	ng		100
65) 4,6-Dinitro-2-methylph...	15.715	198	248176	41.734	ng		100
66) n-Nitrosodiphenylamine	15.856	169	761002	45.007	ng		100
67) 4-Bromophenyl-phenylether	16.537	248	563536	37.926	ng		100
68) Hexachlorobenzene	16.649	284	601706	36.458	ng		100
69) Atrazine	16.802	200	298465	32.899	ng		100
70) Pentachlorophenol	16.990	266	436251	39.070	ng		100
71) Phenanthrene	17.389	178	1589634	43.549	ng		100
72) Anthracene	17.483	178	1664256	44.770	ng		100
73) Carbazole	17.748	167	1188192	43.444	ng		100
74) Di-n-butylphthalate	18.318	149	1038770	45.546	ng		100
75) Fluoranthene	19.405	202	2556857	41.229	ng		100
77) Benzidine	19.581	184	482550	41.805	ng		100
78) Pyrene	19.769	202	2602570	42.764	ng		100
80) Butylbenzylphthalate	20.668	149	362897	44.273	ng		100
81) Benzo(a)anthracene	21.602	228	3265267	43.752	ng		100
82) 3,3'-Dichlorobenzidine	21.520	252	1125551	46.164	ng		100
83) Chrysene	21.673	228	3018454	42.717	ng		100
84) Bis(2-ethylhexyl)phtha...	21.526	149	550222	46.018	ng		100
85) Di-n-octyl phthalate	22.736	149	959322	45.025	ng		100
87) Indeno(1,2,3-cd)pyrene	28.465	276	4067852	41.981	ng	#	100
88) Benzo(b)fluoranthene	23.805	252	3283334	39.224	ng		100
89) Benzo(k)fluoranthene	23.876	252	3313902	41.027	ng		100
90) Benzo(a)pyrene	24.669	252	3173783	44.301	ng		100
91) Dibenzo(a,h)anthracene	28.535	278	3460116	41.830	ng		100
92) Benzo(g,h,i)perylene	29.604	276	3273550	41.916	ng		100

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

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