Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
Data File : BG062611.D
Acq On : 30 Aug 2024 10:07
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 30 16:46:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 13:01:59 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	59368	20.000	ng	0.00
21) Naphthalene-d8	10.717	136	275915	20.000	ng	0.00
39) Acenaphthene-d10	14.548	164	227501	20.000	ng	0.00
64) Phenanthrene-d10	17.291	188	574112	20.000	ng	0.00
76) Chrysene-d12	21.534	240	541813	20.000	ng	0.00
86) Perylene-d12	24.606	264	618280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	281879	82.071	ng	0.00
7) Phenol-d6	7.092	99	414064	83.451	ng	0.00
23) Nitrobenzene-d5	9.078	82	420296	82.038	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	264967	82.759	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	1146866	81.656	ng	0.00
79) Terphenyl-d14	19.906	244	2154706	78.854	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	56051	39.741	ng	100
3) Pyridine	3.801	79	167730m	40.688	ng	
4) n-Nitrosodimethylamine	3.713	42	83106	41.466	ng	100
6) Aniline	7.250	93	195457	42.164	ng	100
8) 2-Chlorophenol	7.491	128	150413	40.791	ng	100
9) Benzaldehyde	7.062	77	113845	39.231	ng	100
10) Phenol	7.115	94	210223	41.852	ng	100
11) bis(2-Chloroethyl)ether	7.344	93	157335	40.911	ng	100
12) 1,3-Dichlorobenzene	7.814	146	162642	40.193	ng	100
13) 1,4-Dichlorobenzene	7.955	146	169320	40.660	ng	100
14) 1,2-Dichlorobenzene	8.273	146	167809	40.996	ng	100
15) Benzyl Alcohol	8.155	79	157122	42.799	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.455	45	284538	38.925	ng	100
17) 2-Methylphenol	8.361	107	144803	41.356	ng	100
18) Hexachloroethane	9.001	117	63348	40.570	ng	100
19) n-Nitroso-di-n-propyla...	8.725	70	164753	42.139	ng	100
20) 3+4-Methylphenols	8.690	107	214248	41.477	ng	100
22) Acetophenone	8.737	105	302362	40.621	ng	100
24) Nitrobenzene	9.119	77	228540	41.955	ng	100
25) Isophorone	9.642	82	461551	41.041	ng	100
26) 2-Nitrophenol	9.830	139	86101	41.833	ng	100
27) 2,4-Dimethylphenol	9.888	122	125571	41.638	ng	100
28) bis(2-Chloroethoxy)met...	10.123	93	253117	42.044	ng	100
29) 2,4-Dichlorophenol	10.364	162	174718	41.435	ng	100
30) 1,2,4-Trichlorobenzene	10.582	180	199617	39.934	ng	100
31) Naphthalene	10.764	128	555422	40.613	ng	100
32) Benzoic acid	10.029	122	135921	42.675	ng	100
33) 4-Chloroaniline	10.870	127	220412	40.954	ng	100
34) Hexachlorobutadiene	11.052	225	137266	39.317	ng	100
35) Caprolactam	11.639	113	67731	41.687	ng	100
36) 4-Chloro-3-methylphenol	11.998	107	212371	41.754	ng	100
37) 2-Methylnaphthalene	12.374	142	435807	41.086	ng	100
38) 1-Methylnaphthalene	12.591	142	436868	41.017	ng	100
40) 1,2,4,5-Tetrachloroben...	12.738	216	276124	40.359	ng	100
41) Hexachlorocyclopentadiene	12.720	237	81746	41.877	ng	100
43) 2,4,6-Trichlorophenol	12.979	196	179686	41.429	ng	100

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44) 2,4,5-Trichlorophenol	13.055	196	205460	41.830	ng	100
46) 1,1'-Biphenyl	13.384	154	619273	40.802	ng	100
47) 2-Chloronaphthalene	13.425	162	501610	40.779	ng	100
48) 2-Nitroaniline	13.625	65	135824	41.982	ng	100
49) Acenaphthylene	14.271	152	756926	41.553	ng	100
50) Dimethylphthalate	14.001	163	679478	40.845	ng	100
51) 2,6-Dinitrotoluene	14.119	165	135679	43.120	ng	100
52) Acenaphthene	14.612	154	462479	40.614	ng	100
53) 3-Nitroaniline	14.448	138	131538	43.203	ng	100
54) 2,4-Dinitrophenol	14.653	184	73353	41.541	ng	100
55) Dibenzofuran	14.947	168	794852	40.702	ng	100
56) 4-Nitrophenol	14.759	139	111633	43.264	ng	100
57) 2,4-Dinitrotoluene	14.906	165	181512	42.279	ng	100
58) Fluorene	15.593	166	615531	40.162	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.170	232	186369	40.053	ng	100
60) Diethylphthalate	15.370	149	664327	40.291	ng	100
61) 4-Chlorophenyl-phenyle...	15.588	204	352539	40.068	ng	100
62) 4-Nitroaniline	15.611	138	141266	42.080	ng	100
63) Azobenzene	15.881	77	630503	40.724	ng	100
65) 4,6-Dinitro-2-methylph...	15.670	198	105052	41.003	ng	100
66) n-Nitrosodiphenylamine	15.805	169	564017	40.862	ng	100
67) 4-Bromophenyl-phenylether	16.481	248	241675	40.787	ng	100
68) Hexachlorobenzene	16.598	284	285454	40.679	ng	100
69) Atrazine	16.751	200	163594	34.894	ng	100
70) Pentachlorophenol	16.945	266	188544	41.951	ng	100
71) Phenanthrene	17.333	178	1094624	40.849	ng	100
72) Anthracene	17.427	178	1087708	41.283	ng	100
73) Carbazole	17.691	167	977761	40.368	ng	100
74) Di-n-butylphthalate	18.255	149	1125709	41.211	ng	100
75) Fluoranthene	19.342	202	1358961	40.097	ng	100
77) Benzidine	19.524	184	477795	48.926	ng	100
78) Pyrene	19.706	202	1407653	40.871	ng	100
80) Butylbenzylphthalate	20.599	149	419325	41.450	ng	100
81) Benzo(a)anthracene	21.516	228	1384831	40.524	ng	100
82) 3,3'-Dichlorobenzidine	21.434	252	455081	40.878	ng	100
83) Chrysene	21.581	228	1323052	40.419	ng	100
84) Bis(2-ethylhexyl)phtha...	21.434	149	634598	41.291	ng	100
85) Di-n-octyl phthalate	22.597	149	1118300	41.558	ng	100
87) Indeno(1,2,3-cd)pyrene	28.073	276	1611429	40.646	ng	100
88) Benzo(b)fluoranthene	23.637	252	1386235	40.593	ng	100
89) Benzo(k)fluoranthene	23.702	252	1372100	41.074	ng	100
90) Benzo(a)pyrene	24.465	252	1228247	40.712	ng	100
91) Dibenzo(a,h)anthracene	28.132	278	1319335	40.397	ng	100
92) Benzo(g,h,i)perylene	29.154	276	1346868	40.898	ng	100

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

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