Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058517.D
Acq On : 28 Jul 2023 14:09
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 16:58:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 16:53:40 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.815	152	65766	20.000	ng		0.00
21) Naphthalene-d8	10.617	136	255400	20.000	ng		0.00
39) Acenaphthene-d10	14.466	164	171964	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	399841	20.000	ng		0.00
76) Chrysene-d12	21.452	240	331544	20.000	ng		0.00
86) Perylene-d12	24.519	264	435415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.388	112	609931	141.753	ng		0.00
7) Phenol-d6	6.998	99	862443	144.047	ng		0.02
23) Nitrobenzene-d5	8.990	82	795322	152.977	ng		0.00
42) 2,4,6-Tribromophenol	15.958	330	420917	149.335	ng		0.00
45) 2-Fluorobiphenyl	13.085	172	1600047	139.437	ng		0.00
79) Terphenyl-d14	19.830	244	2405763	136.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.273	88	146345	70.190	ng		99
3) Pyridine	3.672	79	415655	73.121	ng		98
4) n-Nitrosodimethylamine	3.590	42	174276	72.358	ng		99
6) Aniline	7.151	93	546131	74.087	ng		97
8) 2-Chlorophenol	7.386	128	305212	72.306	ng		99
10) Phenol	7.022	94	422370	72.217	ng		100
11) bis(2-Chloroethyl)ether	7.245	93	330300	71.636	ng		97
12) 1,3-Dichlorobenzene	7.703	146	319850	70.961	ng		98
13) 1,4-Dichlorobenzene	7.850	146	319554	70.607	ng		96
14) 1,2-Dichlorobenzene	8.173	146	303886	70.230	ng		99
15) Benzyl Alcohol	8.061	79	309303	81.461	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.344	45	546423	72.956	ng		100
17) 2-Methylphenol	8.267	107	312904	73.171	ng		99
18) Hexachloroethane	8.896	117	118255	71.888	ng		97
19) n-Nitroso-di-n-propyla...	8.631	70	278433	71.996	ng		99
20) 3+4-Methylphenols	8.602	107	430098	74.354	ng		98
22) Acetophenone	8.643	105	512838	74.991	ng	#	99
24) Nitrobenzene	9.031	77	404689	76.567	ng		99
25) Isophorone	9.554	82	818360	76.183	ng		99
26) 2-Nitrophenol	9.730	139	185451	80.605	ng		99
27) 2,4-Dimethylphenol	9.795	122	298126	78.119	ng		99
28) bis(2-Chloroethoxy)met...	10.030	93	445061	76.133	ng		98
29) 2,4-Dichlorophenol	10.271	162	313595	79.142	ng		99
30) 1,2,4-Trichlorobenzene	10.482	180	343909	75.259	ng		99
31) Naphthalene	10.670	128	980736	72.857	ng		99
32) Benzoic acid	10.006	122	237947	78.706	ng		99
33) 4-Chloroaniline	10.782	127	454439	79.903	ng		99
34) Hexachlorobutadiene	10.946	225	225208	76.527	ng		98
35) Caprolactam	11.599	113	112997m	77.224	ng		
36) 4-Chloro-3-methylphenol	11.922	107	376966	76.906	ng		99
37) 2-Methylnaphthalene	12.280	142	711277	73.869	ng		98
38) 1-Methylnaphthalene	12.503	142	663399	72.478	ng		99
40) 1,2,4,5-Tetrachloroben...	12.650	216	397160	75.227	ng		99
41) Hexachlorocyclopentadiene	12.627	237	198505	80.870	ng		96
43) 2,4,6-Trichlorophenol	12.897	196	281416	77.498	ng		98
44) 2,4,5-Trichlorophenol	12.973	196	329592	77.059	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.297	154	865502	73.288	ng	99
47) 2-Chloronaphthalene	13.344	162	685458	74.441	ng	98
48) 2-Nitroaniline	13.549	65	282978	80.514	ng	97
49) Acenaphthylene	14.190	152	1110706	72.047	ng	99
50) Dimethylphthalate	13.931	163	936819	72.538	ng	99
51) 2,6-Dinitrotoluene	14.049	165	218333	77.047	ng	98
52) Acenaphthene	14.530	154	647903	72.734	ng	99
53) 3-Nitroaniline	14.383	138	227564	80.265	ng	100
54) 2,4-Dinitrophenol	14.589	184	127397	79.774	ng	98
55) Dibenzofuran	14.865	168	1084299	70.839	ng	99
56) 4-Nitrophenol	14.695	139	164636	78.301	ng	98
57) 2,4-Dinitrotoluene	14.842	165	301931	76.854	ng	99
58) Fluorene	15.517	166	844340	69.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	280518	76.860	ng	98
60) Diethylphthalate	15.288	149	932047	70.840	ng	98
61) 4-Chlorophenyl-phenyle...	15.506	204	491182	72.455	ng	97
62) 4-Nitroaniline	15.553	138	218743	82.096	ng	98
63) Azobenzene	15.799	77	928700	71.663	ng	97
65) 4,6-Dinitro-2-methylph...	15.606	198	189948	86.157	ng	99
66) n-Nitrosodiphenylamine	15.729	169	768679	73.864	ng	99
67) 4-Bromophenyl-phenylether	16.399	248	347605	76.649	ng	97
68) Hexachlorobenzene	16.516	284	361217	75.166	ng	99
69) Atrazine	16.675	200	241816	68.833	ng	100
70) Pentachlorophenol	16.863	266	249812	86.267	ng	98
71) Phenanthrene	17.257	178	1339578	70.645	ng	98
72) Anthracene	17.345	178	1370976	70.463	ng	98
73) Carbazole	17.615	167	1240073	72.276	ng	99
74) Di-n-butylphthalate	18.167	149	1524191	70.924	ng	99
75) Fluoranthene	19.266	202	1593380	69.954	ng	98
77) Benzidine	19.448	184	416449	82.833	ng	97
78) Pyrene	19.630	202	1617096	71.669	ng	98
80) Butylbenzylphthalate	20.517	149	696732	75.175	ng	98
81) Benzo(a)anthracene	21.434	228	1680272	73.643	ng	97
82) 3,3'-Dichlorobenzidine	21.352	252	588200	76.246	ng	100
83) Chrysene	21.499	228	1606732	73.446	ng	98
84) Bis(2-ethylhexyl)phtha...	21.334	149	989050	73.026	ng	97
85) Di-n-octyl phthalate	22.486	149	1770513	74.355	ng	99
87) Indeno(1,2,3-cd)pyrene	28.032	276	2214422	76.447	ng	99
88) Benzo(b)fluoranthene	23.549	252	1729992	73.255	ng	98
89) Benzo(k)fluoranthene	23.620	252	1753689	73.919	ng	98
90) Benzo(a)pyrene	24.384	252	1748912	75.409	ng	99
91) Dibenzo(a,h)anthracene	28.091	278	1824567	76.178	ng	98
92) Benzo(g,h,i)perylene	29.137	276	1843565	76.760	ng	98

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

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