Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110122\
Data File : BG055405.D
Acq On : 1 Nov 2022 23:23
Operator : CG/JU
Sample : PB148503BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 02 05:42:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148503BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/02/2022
Supervised By :Jagrut Upadhyay 11/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	22717	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	110470	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	86497	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	207244	20.000	ng	0.00
76) Chrysene-d12	21.868	240	202130	20.000	ng	0.00
86) Perylene-d12	25.246	264	220244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	214373	169.468	ng	0.00
7) Phenol-d6	7.391	99	293289	167.192	ng	0.00
23) Nitrobenzene-d5	9.418	82	172413	83.179	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	172386	146.110	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	472178	80.937	ng	0.00
79) Terphenyl-d14	20.170	244	913229	87.855	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	19312	33.659	ng	93
3) Pyridine	3.989	79	53964	31.692	ng	98
4) n-Nitrosodimethylamine	3.895	42	28566	42.466	ng	99
6) Aniline	7.555	93	103810	45.627	ng	99
8) 2-Chlorophenol	7.802	128	80484	52.366	ng	98
9) Benzaldehyde	7.367	77	35570	34.490	ng	98
10) Phenol	7.420	94	106589	53.684	ng	98
11) bis(2-Chloroethyl)ether	7.649	93	68514	46.123	ng	97
12) 1,3-Dichlorobenzene	8.131	146	78381	44.993	ng	99
13) 1,4-Dichlorobenzene	8.278	146	79931	45.049	ng	99
14) 1,2-Dichlorobenzene	8.601	146	79250	46.664	ng	99
15) Benzyl Alcohol	8.478	79	73310m	52.399	ng	
16) 2,2'-oxybis(1-Chloropr...	8.760	45	91609	46.352	ng	98
17) 2-Methylphenol	8.683	107	75098	52.568	ng	99
18) Hexachloroethane	9.336	117	27480	45.400	ng	97
19) n-Nitroso-di-n-propyla...	9.048	70	63884	46.606	ng	99
20) 3+4-Methylphenols	9.012	107	105130	51.792	ng	98
22) Acetophenone	9.071	105	125551	43.360	ng	99
24) Nitrobenzene	9.459	77	90572	41.911	ng	96
25) Isophorone	9.982	82	186097	45.333	ng	99
26) 2-Nitrophenol	10.176	139	50161	45.077	ng	97
27) 2,4-Dimethylphenol	10.223	122	83828	53.726	ng	99
28) bis(2-Chloroethoxy)met...	10.458	93	105340	48.177	ng	99
29) 2,4-Dichlorophenol	10.716	162	91988	48.331	ng	99
30) 1,2,4-Trichlorobenzene	10.934	180	84870	41.179	ng	98
31) Naphthalene	11.122	128	259764	41.764	ng	100
32) Benzoic acid	10.393	122	39403m	42.903	ng	
33) 4-Chloroaniline	11.227	127	97716	37.810	ng	98
34) Hexachlorobutadiene	11.398	225	51384	40.109	ng	99
35) Caprolactam	11.997	113	34663m	49.188	ng	
36) 4-Chloro-3-methylphenol	12.332	107	103093	49.469	ng	99
37) 2-Methylnaphthalene	12.708	142	197542	43.239	ng	99
38) 1-Methylnaphthalene	12.926	142	189358	42.495	ng	99
40) 1,2,4,5-Tetrachloroben...	13.072	216	106716	41.765	ng	99
41) Hexachlorocyclopentadiene	13.043	237	116009	93.909	ng	94
43) 2,4,6-Trichlorophenol	13.307	196	78791	44.281	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	87740	44.270	ng	97
46) 1,1'-Biphenyl	13.695	154	277685	43.629	ng	100
47) 2-Chloronaphthalene	13.748	162	215117	42.062	ng	100
48) 2-Nitroaniline	13.948	65	68787	43.790	ng	98
49) Acenaphthylene	14.588	152	357053	42.518	ng	100
50) Dimethylphthalate	14.300	163	310959	43.069	ng	99
51) 2,6-Dinitrotoluene	14.430	165	67318	44.537	ng	98
52) Acenaphthene	14.923	154	212206	42.459	ng	98
53) 3-Nitroaniline	14.765	138	60156	35.410	ng	97
54) 2,4-Dinitrophenol	14.976	184	78610	85.655	ng	97
55) Dibenzofuran	15.252	168	355740	43.002	ng	100
56) 4-Nitrophenol	15.070	139	115699	99.326	ng	98
57) 2,4-Dinitrotoluene	15.217	165	99056	45.832	ng	98
58) Fluorene	15.899	166	290037	43.158	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.475	232	79656	44.698	ng	98
60) Diethylphthalate	15.652	149	325232	43.346	ng	99
61) 4-Chlorophenyl-phenyle...	15.881	204	154072	44.344	ng	98
62) 4-Nitroaniline	15.922	138	76123	42.353	ng	99
63) Azobenzene	16.175	77	266551	42.736	ng	99
65) 4,6-Dinitro-2-methylph...	15.981	198	57695	43.219	ng	99
66) n-Nitrosodiphenylamine	16.098	169	265850	43.147	ng	99
67) 4-Bromophenyl-phenylether	16.774	248	106633	43.527	ng	98
68) Hexachlorobenzene	16.903	284	121207	43.385	ng	95
69) Atrazine	17.032	200	111448	53.877	ng	99
70) Pentachlorophenol	17.250	266	118504	81.744	ng	97
71) Phenanthrene	17.638	178	495059	42.468	ng	99
72) Anthracene	17.726	178	503597	44.074	ng	99
73) Carbazole	17.996	167	475366	44.717	ng	99
74) Di-n-butylphthalate	18.519	149	579059	43.613	ng	99
75) Fluoranthene	19.629	202	600636	42.835	ng	99
77) Benzidine	19.794	184	314910	74.832	ng	100
78) Pyrene	19.988	202	605360	42.453	ng	99
80) Butylbenzylphthalate	20.840	149	259878	43.714	ng	100
81) Benzo(a)anthracene	21.844	228	596066	42.958	ng	100
82) 3,3'-Dichlorobenzidine	21.750	252	194925	40.966	ng	100
83) Chrysene	21.915	228	557736	42.133	ng	99
84) Bis(2-ethylhexyl)phtha...	21.709	149	380142	43.989	ng	99
85) Di-n-octyl phthalate	22.967	149	648150	43.774	ng	100
87) Indeno(1,2,3-cd)pyrene	29.136	276	750139	42.421	ng	100
88) Benzo(b)fluoranthene	24.165	252	648200	46.333	ng	99
89) Benzo(k)fluoranthene	24.236	252	622770	44.297	ng	99
90) Benzo(a)pyrene	25.088	252	574466	47.490	ng	100
91) Dibenzo(a,h)anthracene	29.195	278	656000	44.965	ng	99
92) Benzo(g,h,i)perylene	30.364	276	647521	44.627	ng	98

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

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