Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050708.D
Acq On : 25 Oct 2021 13:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/26/2021 11:31:09 AM

Quant Time: Oct 25 15:03:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.250	152	38300	20.000	ng		0.00
21) Naphthalene-d8	11.076	136	158173	20.000	ng	#	0.00
39) Acenaphthene-d10	14.872	164	106322	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	234159	20.000	ng	#	0.00
76) Chrysene-d12	21.916	240	189691	20.000	ng	#	0.00
86) Perylene-d12	25.336	264	189907	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.782	112	192305	75.091	ng		0.00
7) Phenol-d6	7.392	99	283002	76.326	ng		0.00
23) Nitrobenzene-d5	9.425	82	284242	74.390	ng		0.00
42) 2,4,6-Tribromophenol	16.358	330	78890	77.791	ng		0.00
45) 2-Fluorobiphenyl	13.497	172	526690	74.555	ng		0.00
79) Terphenyl-d14	20.206	244	789481	81.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	45979	34.666	ng		92
3) Pyridine	4.061	79	127982	35.321	ng		92
4) n-Nitrosodimethylamine	3.973	42	61947	36.279	ng	#	42
6) Aniline	7.568	93	162749	37.779	ng	#	92
8) 2-Chlorophenol	7.809	128	95329	38.661	ng		88
9) Benzaldehyde	7.380	77	90635	38.598	ng		89
10) Phenol	7.421	94	136949	37.988	ng		86
11) bis(2-Chloroethyl)ether	7.662	93	107181	38.091	ng		85
12) 1,3-Dichlorobenzene	8.138	146	108732	38.200	ng		95
13) 1,4-Dichlorobenzene	8.285	146	109294	38.087	ng		95
14) 1,2-Dichlorobenzene	8.608	146	103533	37.774	ng		95
15) Benzyl Alcohol	8.485	79	112699	38.463	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.773	45	169213	36.874	ng		87
17) 2-Methylphenol	8.685	107	91176	38.437	ng		92
18) Hexachloroethane	9.343	117	42094	38.759	ng		94
19) n-Nitroso-di-n-propyla...	9.055	70	100496	37.186	ng	#	91
20) 3+4-Methylphenols	9.014	107	129620	38.822	ng		96
22) Acetophenone	9.078	105	166245	36.969	ng		97
24) Nitrobenzene	9.466	77	140483	36.976	ng		94
25) Isophorone	9.989	82	250532	36.966	ng	#	96
26) 2-Nitrophenol	10.183	139	57925	41.522	ng	#	93
27) 2,4-Dimethylphenol	10.224	122	89185	37.003	ng		95
28) bis(2-Chloroethoxy)met...	10.465	93	143751	37.095	ng		92
29) 2,4-Dichlorophenol	10.718	162	96071	39.108	ng		95
30) 1,2,4-Trichlorobenzene	10.935	180	105243	37.714	ng		97
31) Naphthalene	11.129	128	320216	37.822	ng		99
32) Benzoic acid	10.365	122	62245	34.797	ng	#	71
33) 4-Chloroaniline	11.235	127	134193	37.777	ng		95
34) Hexachlorobutadiene	11.399	225	67158	38.334	ng		95
35) Caprolactam	12.010	113	37772	40.175	ng	#	63
36) 4-Chloro-3-methylphenol	12.333	107	117622	38.307	ng	#	91
37) 2-Methylnaphthalene	12.715	142	218913	37.474	ng		93
38) 1-Methylnaphthalene	12.933	142	210250	37.116	ng		93
40) 1,2,4,5-Tetrachloroben...	13.074	216	116079	36.971	ng		98
41) Hexachlorocyclopentadiene	13.050	237	73190	40.335	ng		92
43) 2,4,6-Trichlorophenol	13.309	196	84122	38.021	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.385	196	86814	37.530	ng		93
46) 1,1'-Biphenyl	13.708	154	287878	37.121	ng		95
47) 2-Chloronaphthalene	13.761	162	223187	37.480	ng		99
48) 2-Nitroaniline	13.955	65	92548	39.069	ng		92
49) Acenaphthylene	14.601	152	361827	37.083	ng		96
50) Dimethylphthalate	14.313	163	302702	37.666	ng		98
51) 2,6-Dinitrotoluene	14.443	165	62113	38.587	ng		91
52) Acenaphthene	14.936	154	232435m	37.072	ng		
53) 3-Nitroaniline	14.772	138	73945	38.836	ng		90
54) 2,4-Dinitrophenol	14.983	184	37827	37.880	ng	#	85
55) Dibenzofuran	15.271	168	356625	36.777	ng		97
56) 4-Nitrophenol	15.071	139	56779	37.072	ng	#	80
57) 2,4-Dinitrotoluene	15.230	165	90026	39.679	ng		94
58) Fluorene	15.917	166	277994	37.323	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.488	232	74674	37.060	ng		96
60) Diethylphthalate	15.665	149	318385	37.706	ng		97
61) 4-Chlorophenyl-phenyle...	15.900	204	151850	37.260	ng		97
62) 4-Nitroaniline	15.935	138	76350	38.542	ng	#	66
63) Azobenzene	16.194	77	355559	36.376	ng		82
65) 4,6-Dinitro-2-methylph...	15.988	198	58067	41.286	ng		90
66) n-Nitrosodiphenylamine	16.117	169	250246	37.612	ng		96
67) 4-Bromophenyl-phenylether	16.799	248	92357	39.141	ng		97
68) Hexachlorobenzene	16.916	284	90167	38.448	ng	#	92
69) Atrazine	17.051	200	98430	37.555	ng		98
70) Pentachlorophenol	17.263	266	59084	37.009	ng		97
71) Phenanthrene	17.662	178	458645	37.170	ng		98
72) Anthracene	17.751	178	461822	37.664	ng		99
73) Carbazole	18.021	167	456676	37.369	ng		99
74) Di-n-butylphthalate	18.550	149	544139	37.941	ng	#	97
75) Fluoranthene	19.660	202	527405	34.771	ng		96
77) Benzidine	19.830	184	214324	34.860	ng		98
78) Pyrene	20.018	202	534223	39.694	ng		98
80) Butylbenzylphthalate	20.888	149	225134	39.548	ng		98
81) Benzo(a)anthracene	21.899	228	479810	38.227	ng		99
82) 3,3'-Dichlorobenzidine	21.805	252	165861	39.873	ng	#	99
83) Chrysene	21.969	228	450881	38.189	ng		98
84) Bis(2-ethylhexyl)phtha...	21.769	149	313130	38.712	ng	#	97
85) Di-n-octyl phthalate	23.044	149	527350	39.089	ng		96
87) Indeno(1,2,3-cd)pyrene	29.261	276	514461	38.895	ng	#	89
88) Benzo(b)fluoranthene	24.243	252	447221	38.453	ng	#	94
89) Benzo(k)fluoranthene	24.313	252	443911	38.797	ng	#	96
90) Benzo(a)pyrene	25.171	252	380123	38.441	ng	#	94
91) Dibenzo(a,h)anthracene	29.337	278	425304	38.875	ng	#	91
92) Benzo(g,h,i)perylene	30.506	276	414920	38.723	ng	#	90

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

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