Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
Data File : BG055619.D
Acq On : 15 Nov 2022 11:57
Operator : CG/JU
Sample : PB148898BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 16 01:39:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:36:26 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148898BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	40683	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	188899	20.000	ng	0.00
39) Acenaphthene-d10	14.879	164	149360	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	376738	20.000	ng	0.00
76) Chrysene-d12	21.924	240	346827	20.000	ng	0.00
86) Perylene-d12	25.343	264	363773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	292368	136.883	ng	0.00
7) Phenol-d6	7.400	99	394136	133.588	ng	0.00
23) Nitrobenzene-d5	9.433	82	239805	86.061	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	238688	163.786	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	631114	63.737	ng	0.00
79) Terphenyl-d14	20.208	244	1225203	70.954	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.616	88	27087	24.968	ng	90
3) Pyridine	4.033	79	78041	25.872	ng	98
4) n-Nitrosodimethylamine	3.939	42	57841	35.229	ng	98
6) Aniline	7.570	93	135366	34.542	ng	98
8) 2-Chlorophenol	7.817	128	108956	45.565	ng	98
9) Benzaldehyde	7.382	77	25744	11.059	ng	94
10) Phenol	7.423	94	143888	42.364	ng	98
11) bis(2-Chloroethyl)ether	7.664	93	96051	35.125	ng	98
12) 1,3-Dichlorobenzene	8.146	146	110477	36.986	ng	98
13) 1,4-Dichlorobenzene	8.293	146	112177	37.108	ng	99
14) 1,2-Dichlorobenzene	8.616	146	109553	38.161	ng	99
15) Benzyl Alcohol	8.493	79	108763m	42.273	ng	
16) 2,2'-oxybis(1-Chloropr...	8.781	45	180078	34.271	ng	97
17) 2-Methylphenol	8.692	107	100675	42.121	ng	97
18) Hexachloroethane	9.356	117	38712	38.574	ng	96
19) n-Nitroso-di-n-propyla...	9.063	70	90402	37.076	ng	99
20) 3+4-Methylphenols	9.016	107	141160	42.393	ng	99
22) Acetophenone	9.086	105	172442	34.317	ng	99
24) Nitrobenzene	9.474	77	127196	39.678	ng	98
25) Isophorone	9.997	82	254887	35.805	ng	99
26) 2-Nitrophenol	10.191	139	60520	56.771	ng	89
27) 2,4-Dimethylphenol	10.238	122	117063	45.993	ng	100
28) bis(2-Chloroethoxy)met...	10.473	93	141130	36.769	ng	98
29) 2,4-Dichlorophenol	10.725	162	119622	42.766	ng	99
30) 1,2,4-Trichlorobenzene	10.949	180	121551	34.692	ng	98
31) Naphthalene	11.143	128	343539	33.638	ng	99
32) Benzoic acid	10.367	122	82828	51.773	ng	94
33) 4-Chloroaniline	11.236	127	121410	28.440	ng	98
34) Hexachlorobutadiene	11.419	225	80562	34.475	ng	98
35) Caprolactam	12.006	113	44065m	46.212	ng	
36) 4-Chloro-3-methylphenol	12.335	107	138312	41.949	ng	98
37) 2-Methylnaphthalene	12.729	142	267236	34.826	ng	98
38) 1-Methylnaphthalene	12.946	142	253726	33.804	ng	100
40) 1,2,4,5-Tetrachloroben...	13.087	216	152313	34.139	ng	98
41) Hexachlorocyclopentadiene	13.064	237	197559	103.433	ng	96
43) 2,4,6-Trichlorophenol	13.316	196	111516	42.509	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.393	196	122809	40.893	ng		99
46)	1,1'-Biphenyl	13.722	154	367457	33.628	ng		99
47)	2-Chloronaphthalene	13.769	162	279921	33.167	ng		99
48)	2-Nitroaniline	13.957	65	100464	46.353	ng		95
49)	Acenaphthylene	14.609	152	476268	34.105	ng		99
50)	Dimethylphthalate	14.327	163	416272	36.678	ng		99
51)	2,6-Dinitrotoluene	14.445	165	85895	43.379	ng		95
52)	Acenaphthene	14.944	154	342955m	39.338	ng		
53)	3-Nitroaniline	14.774	138	75816	32.856	ng	#	92
54)	2,4-Dinitrophenol	14.985	184	107973	153.009	ng	#	75
55)	Dibenzofuran	15.279	168	475710	34.131	ng		99
56)	4-Nitrophenol	15.073	139	158537	94.335	ng		99
57)	2,4-Dinitrotoluene	15.232	165	126492	48.000	ng		93
58)	Fluorene	15.925	166	382195	34.468	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.496	232	120005	43.111	ng		98
60)	Diethylphthalate	15.678	149	421512	36.508	ng		99
61)	4-Chlorophenyl-phenyle...	15.907	204	212696	36.062	ng		99
62)	4-Nitroaniline	15.937	138	97942	43.527	ng		98
63)	Azobenzene	16.201	77	364842	32.600	ng		97
65)	4,6-Dinitro-2-methylph...	15.990	198	72132	56.128	ng		96
66)	n-Nitrosodiphenylamine	16.119	169	354029	33.545	ng		99
67)	4-Bromophenyl-phenylether	16.801	248	145502	37.858	ng		98
68)	Hexachlorobenzene	16.924	284	160794	35.191	ng		97
69)	Atrazine	17.059	200	117064	30.649	ng		100
70)	Pentachlorophenol	17.265	266	211613	84.535	ng		98
71)	Phenanthrene	17.664	178	670317	33.106	ng		99
72)	Anthracene	17.758	178	682755	34.409	ng		99
73)	Carbazole	18.023	167	613528	34.213	ng		100
74)	Di-n-butylphthalate	18.563	149	733569	35.678	ng		100
75)	Fluoranthene	19.662	202	796976	33.008	ng		100
77)	Benzidine	19.832	184	353068	37.628	ng		99
78)	Pyrene	20.020	202	804355	34.267	ng		100
80)	Butylbenzylphthalate	20.890	149	318472	36.490	ng		97
81)	Benzo(a)anthracene	21.900	228	794865	33.459	ng		99
82)	3,3'-Dichlorobenzidine	21.806	252	288550	37.217	ng		100
83)	Chrysene	21.971	228	751056	33.248	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.783	149	454797	38.391	ng		99
85)	Di-n-octyl phthalate	23.064	149	769276	37.577	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.274	276	943585	34.057	ng		98
88)	Benzo(b)fluoranthene	24.251	252	841878	36.526	ng		99
89)	Benzo(k)fluoranthene	24.321	252	816723	34.660	ng		98
90)	Benzo(a)pyrene	25.185	252	743288	37.437	ng		99
91)	Dibenzo(a,h)anthracene	29.351	278	803840	35.049	ng		99
92)	Benzo(g,h,i)perylene	30.526	276	786470	35.079	ng		98

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

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