Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
Data File : BG055114.D
Acq On : 10 Oct 2022 15:59
Operator : CG/JU
Sample : N5018-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(5-10)MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 10/11/2022
Supervised By :mohammad ahmed 10/17/2022

Quant Time: Oct 11 04:04:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.329	152	29530	20.000	ng		0.00
21) Naphthalene-d8	11.161	136	126711	20.000	ng		0.00
39) Acenaphthene-d10	14.939	164	96616	20.000	ng		0.00
64) Phenanthrene-d10	17.671	188	238967	20.000	ng		0.00
76) Chrysene-d12	21.966	240	217766	20.000	ng		0.00
86) Perylene-d12	25.409	264	241430	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.849	112	210272	158.159	ng		0.00
7) Phenol-d6	7.459	99	291535	146.352	ng		0.00
23) Nitrobenzene-d5	9.498	82	180681	85.205	ng		0.00
42) 2,4,6-Tribromophenol	16.414	330	173881	171.096	ng		0.00
45) 2-Fluorobiphenyl	13.570	172	461160	74.514	ng		0.00
79) Terphenyl-d14	20.244	244	884630	82.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	29559	39.295	ng		94
3) Pyridine	4.093	79	81456	36.010	ng		91
4) n-Nitrosodimethylamine	3.999	42	51982	40.183	ng	#	86
6) Aniline	7.641	93	110270	37.833	ng		96
8) 2-Chlorophenol	7.888	128	96063	62.817	ng		97
9) Benzaldehyde	7.453	77	54385	33.985	ng		94
10) Phenol	7.489	94	128426	56.734	ng		96
11) bis(2-Chloroethyl)ether	7.736	93	83427	44.966	ng		99
12) 1,3-Dichlorobenzene	8.217	146	102018	48.466	ng		98
13) 1,4-Dichlorobenzene	8.364	146	103023	48.363	ng		99
14) 1,2-Dichlorobenzene	8.687	146	100329	48.477	ng		99
15) Benzyl Alcohol	8.558	79	98476	55.039	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.852	45	144779	41.197	ng		98
17) 2-Methylphenol	8.758	107	88635	55.575	ng		95
18) Hexachloroethane	9.434	117	34837	51.575	ng		92
19) n-Nitroso-di-n-propyla...	9.134	70	81772	42.378	ng		93
20) 3+4-Methylphenols	9.081	107	122755	55.268	ng		98
22) Acetophenone	9.157	105	151535	47.159	ng	#	97
24) Nitrobenzene	9.545	77	116156	50.447	ng		91
25) Isophorone	10.068	82	221352	49.114	ng		99
26) 2-Nitrophenol	10.256	139	54669	81.318	ng	#	85
27) 2,4-Dimethylphenol	10.303	122	103418	66.938	ng		97
28) bis(2-Chloroethoxy)met...	10.544	93	119031	51.615	ng		98
29) 2,4-Dichlorophenol	10.797	162	106721	55.780	ng		98
30) 1,2,4-Trichlorobenzene	11.014	180	104359	47.158	ng		99
31) Naphthalene	11.214	128	309498	46.280	ng		99
32) Benzoic acid	10.426	122	89699	76.521	ng		94
33) 4-Chloroaniline	11.308	127	85439	30.896	ng		98
34) Hexachlorobutadiene	11.490	225	67258	46.872	ng		98
35) Caprolactam	12.072	113	39965m	66.494	ng		
36) 4-Chloro-3-methylphenol	12.395	107	122701	56.329	ng		99
37) 2-Methylnaphthalene	12.788	142	233417	47.362	ng		96
38) 1-Methylnaphthalene	13.006	142	222530	46.421	ng		97
40) 1,2,4,5-Tetrachloroben...	13.147	216	135051	47.873	ng		100
41) Hexachlorocyclopentadiene	13.129	237	140584	115.730	ng		99
43) 2,4,6-Trichlorophenol	13.376	196	99863	57.256	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.446	196	112995	57.463	ng		98
46) 1,1'-Biphenyl	13.775	154	323744	48.872	ng		99
47) 2-Chloronaphthalene	13.828	162	250630	46.953	ng		99
48) 2-Nitroaniline	14.016	65	90194	59.026	ng		94
49) Acenaphthylene	14.663	152	422109	47.754	ng		100
50) Dimethylphthalate	14.381	163	343159	52.330	ng		99
51) 2,6-Dinitrotoluene	14.498	165	74642	55.015	ng		86
52) Acenaphthene	15.003	154	303394	55.279	ng		99
53) 3-Nitroaniline	14.827	138	61466	39.854	ng		96
54) 2,4-Dinitrophenol	15.033	184	97259	159.566	ng	#	45
55) Dibenzofuran	15.332	168	421145	48.095	ng		99
56) 4-Nitrophenol	15.115	139	146780	119.455	ng		99
57) 2,4-Dinitrotoluene	15.280	165	108962	58.563	ng		86
58) Fluorene	15.979	166	339473	48.446	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.550	232	105144	57.760	ng		99
60) Diethylphthalate	15.732	149	364646	53.892	ng		99
61) 4-Chlorophenyl-phenyle...	15.961	204	184866	48.534	ng		96
62) 4-Nitroaniline	15.985	138	88863	56.331	ng		98
63) Azobenzene	16.255	77	332478	43.628	ng		96
65) 4,6-Dinitro-2-methylph...	16.038	198	64089	71.952	ng		94
66) n-Nitrosodiphenylamine	16.173	169	308423	49.558	ng		97
67) 4-Bromophenyl-phenylether	16.854	248	128722	50.933	ng		96
68) Hexachlorobenzene	16.978	284	147315	50.417	ng		96
69) Atrazine	17.107	200	133976	66.076	ng		99
70) Pentachlorophenol	17.313	266	186897	110.694	ng		96
71) Phenanthrene	17.712	178	678557	54.057	ng		100
72) Anthracene	17.806	178	611711	50.105	ng		99
73) Carbazole	18.065	167	552009	51.513	ng		100
74) Di-n-butylphthalate	18.605	149	646384	57.783	ng		100
75) Fluoranthene	19.704	202	1041286	66.494	ng		98
77) Benzidine	19.868	184	300239	80.032	ng		99
78) Pyrene	20.062	202	955801	66.008	ng		97
80) Butylbenzylphthalate	20.926	149	270778	58.542	ng		99
81) Benzo(a)anthracene	21.948	228	837387	60.532	ng		98
82) 3,3'-Dichlorobenzidine	21.848	252	183261	45.570	ng		98
83) Chrysene	22.019	228	761203	57.092	ng		99
84) Bis(2-ethylhexyl)phtha...	21.825	149	390908	56.838	ng		98
85) Di-n-octyl phthalate	23.123	149	650296	56.323	ng		96
87) Indeno(1,2,3-cd)pyrene	29.392	276	931109	53.441	ng		99
88) Benzo(b)fluoranthene	24.316	252	877046	61.654	ng		99
89) Benzo(k)fluoranthene	24.392	252	796115m	55.552	ng		
90) Benzo(a)pyrene	25.250	252	770262	63.177	ng		97
91) Dibenzo(a,h)anthracene	29.469	278	735292	51.951	ng		99
92) Benzo(g,h,i)perylene	30.650	276	798526	56.204	ng		99

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

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