Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056407.D
Acq On : 24 Jan 2023 17:48
Operator : CG/JU
Sample : 01260-22MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 25 05:32:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 25 04:54:56 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-28MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	31246	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	120473	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	107514	20.000	ng	0.00
64) Phenanthrene-d10	17.643	188	293022	20.000	ng	-0.01
76) Chrysene-d12	21.938	240	273958	20.000	ng	# 0.00
86) Perylene-d12	25.363	264	297289	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.815	112	189026	108.016	ng	0.00
7) Phenol-d6	7.437	99	268938	100.070	ng	0.00
23) Nitrobenzene-d5	9.470	82	135141	57.379	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	155509	114.207	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	482105	61.921	ng	0.00
79) Terphenyl-d14	20.216	244	1049096	68.587	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	29756	37.226	ng	# 88
3) Pyridine	4.035	79	76888	31.582	ng	# 90
4) n-Nitrosodimethylamine	3.947	42	18983	38.331	ng	99
6) Aniline	7.607	93	70162	19.908	ng	97
8) 2-Chlorophenol	7.854	128	86885	49.893	ng	94
9) Benzaldehyde	7.413	77	34976	21.888	ng	94
10) Phenol	7.466	94	122172	44.826	ng	97
11) bis(2-Chloroethyl)ether	7.695	93	70732	38.296	ng	99
12) 1,3-Dichlorobenzene	8.183	146	96528m	45.545	ng	
13) 1,4-Dichlorobenzene	8.330	146	96715	45.443	ng	97
14) 1,2-Dichlorobenzene	8.653	146	94543	46.038	ng	98
15) Benzyl Alcohol	8.530	79	75852m	38.780	ng	
16) 2,2'-oxybis(1-Chloropr...	8.818	45	16410m	50.278	ng	
17) 2-Methylphenol	8.729	107	83631	41.818	ng	95
18) Hexachloroethane	9.388	117	29524	45.664	ng	96
19) n-Nitroso-di-n-propyla...	9.094	70	57483	35.174	ng	95
20) 3+4-Methylphenols	9.059	107	119450	42.483	ng	96
22) Acetophenone	9.123	105	133899	39.308	ng	# 98
24) Nitrobenzene	9.511	77	85453	36.612	ng	97
25) Isophorone	10.034	82	176330	35.583	ng	95
26) 2-Nitrophenol	10.228	139	54856	45.935	ng	93
27) 2,4-Dimethylphenol	10.275	122	99296	45.588	ng	96
28) bis(2-Chloroethoxy)met...	10.504	93	101366	39.357	ng	99
29) 2,4-Dichlorophenol	10.768	162	114053	47.363	ng	97
30) 1,2,4-Trichlorobenzene	10.980	180	113613	41.576	ng	99
31) Naphthalene	11.174	128	269845	42.560	ng	99
32) Benzoic acid	10.422	122	62729	38.815	ng	97
33) 4-Chloroaniline	11.279	127	61993	20.479	ng	98
34) Hexachlorobutadiene	11.450	225	77585	39.476	ng	97
35) Caprolactam	12.049	113	37734m	46.283	ng	
36) 4-Chloro-3-methylphenol	12.378	107	111267	45.536	ng	97
37) 2-Methylnaphthalene	12.760	142	215736	40.298	ng	99
38) 1-Methylnaphthalene	12.977	142	202047	40.642	ng	99
40) 1,2,4,5-Tetrachloroben...	13.118	216	159713	39.635	ng	99
41) Hexachlorocyclopentadiene	13.095	237	164898	71.777	ng	96
43) 2,4,6-Trichlorophenol	13.354	196	116894	43.870	ng	99

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44) 2,4,5-Trichlorophenol	13.430	196	129436	41.065	ng		97
46) 1,1'-Biphenyl	13.747	154	326182	42.362	ng		98
47) 2-Chloronaphthalene	13.800	162	262427	43.180	ng		99
48) 2-Nitroaniline	13.994	65	56423	43.573	ng		90
49) Acenaphthylene	14.634	152	423516	42.822	ng		98
50) Dimethylphthalate	14.346	163	365703	42.136	ng		99
51) 2,6-Dinitrotoluene	14.476	165	82173	44.433	ng		89
52) Acenaphthene	14.975	154	312966m	48.654	ng		
53) 3-Nitroaniline	14.811	138	43057	24.463	ng		93
54) 2,4-Dinitrophenol	15.016	184	116807	88.411	ng	#	96
55) Dibenzofuran	15.304	168	446527	41.949	ng		97
56) 4-Nitrophenol	15.116	139	126456	93.418	ng		85
57) 2,4-Dinitrotoluene	15.263	165	119565	46.229	ng	#	87
58) Fluorene	15.950	166	368824	43.079	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.527	232	131379	44.392	ng		96
60) Diethylphthalate	15.698	149	347180	42.654	ng		99
61) 4-Chlorophenyl-phenyle...	15.933	204	221246	41.409	ng		99
62) 4-Nitroaniline	15.968	138	76208	42.269	ng		93
63) Azobenzene	16.227	77	254957	40.591	ng		97
65) 4,6-Dinitro-2-methylph...	16.027	198	83586	42.339	ng		95
66) n-Nitrosodiphenylamine	16.144	169	342738	42.157	ng		98
67) 4-Bromophenyl-phenylether	16.826	248	155857	41.770	ng		99
68) Hexachlorobenzene	16.955	284	160696	46.160	ng		96
69) Atrazine	17.079	200	151504	44.965	ng		98
70) Pentachlorophenol	17.296	266	195178	72.986	ng		99
71) Phenanthrene	17.690	178	649306	42.759	ng		98
72) Anthracene	17.778	178	662502	42.293	ng		99
73) Carbazole	18.042	167	574166	43.606	ng		98
74) Di-n-butylphthalate	18.571	149	588842	44.861	ng		99
75) Fluoranthene	19.681	202	809160	40.850	ng		99
77) Benzidine	19.846	184	231546	24.118	ng		99
78) Pyrene	20.040	202	819190	42.424	ng		99
80) Butylbenzylphthalate	20.898	149	243054	43.874	ng		95
81) Benzo(a)anthracene	21.914	228	803896	41.778	ng		98
82) 3,3'-Dichlorobenzidine	21.814	252	155744	22.484	ng		99
83) Chrysene	21.985	228	751296	41.683	ng		100
84) Bis(2-ethylhexyl)phtha...	21.773	149	342478	42.910	ng		98
85) Di-n-octyl phthalate	23.048	149	581525	43.160	ng		100
87) Indeno(1,2,3-cd)pyrene	29.323	276	941583	43.550	ng	#	97
88) Benzo(b)fluoranthene	24.270	252	839152	44.426	ng		99
89) Benzo(k)fluoranthene	24.341	252	806244	42.864	ng		100
90) Benzo(a)pyrene	25.204	252	733119	39.793	ng	#	98
91) Dibenzo(a,h)anthracene	29.376	278	799893	44.128	ng		99
92) Benzo(g,h,i)perylene	30.563	276	761846	43.340	ng		98

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

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