Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057585.D
Acq On : 26 May 2023 14:38
Operator : CG/JU
Sample : 02913-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 26 18:39:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-70AMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.349	152	23507	20.000	ng		0.00
21) Naphthalene-d8	11.186	136	88446	20.000	ng		0.00
39) Acenaphthene-d10	14.969	164	61309	20.000	ng		0.00
64) Phenanthrene-d10	17.707	188	153178	20.000	ng		0.00
76) Chrysene-d12	22.019	240	140730	20.000	ng		0.00
86) Perylene-d12	25.514	264	153375	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	184920	134.567	ng		0.00
7) Phenol-d6	7.503	99	241748	115.849	ng		0.00
23) Nitrobenzene-d5	9.530	82	179691	85.270	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	133284	153.216	ng		0.00
45) 2-Fluorobiphenyl	13.589	172	407403	89.496	ng		0.00
79) Terphenyl-d14	20.274	244	776874	90.087	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.679	88	22274	39.202	ng	#	25
3) Pyridine	4.113	79	56734	31.070	ng		92
4) n-Nitrosodimethylamine	4.008	42	32120	37.432	ng	#	79
6) Aniline	7.667	93	76295	28.821	ng		96
8) 2-Chlorophenol	7.914	128	70914	48.837	ng		98
9) Benzaldehyde	7.474	77	48298m	44.413	ng		
10) Phenol	7.532	94	83972	41.280	ng		92
11) bis(2-Chloroethyl)ether	7.750	93	68174	44.444	ng		99
12) 1,3-Dichlorobenzene	8.237	146	76483	47.723	ng		94
13) 1,4-Dichlorobenzene	8.390	146	76858	47.744	ng		97
14) 1,2-Dichlorobenzene	8.713	146	75410	48.525	ng		98
15) Benzyl Alcohol	8.590	79	76922	44.248	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.872	45	83809	43.349	ng		98
17) 2-Methylphenol	8.795	107	63403	43.238	ng		95
18) Hexachloroethane	9.447	117	27082	46.618	ng		96
19) n-Nitroso-di-n-propyla...	9.154	70	61148	38.429	ng		98
20) 3+4-Methylphenols	9.124	107	86971	43.315	ng		93
22) Acetophenone	9.183	105	115848	45.764	ng	#	92
24) Nitrobenzene	9.577	77	92181	43.339	ng		94
25) Isophorone	10.094	82	166103	40.649	ng		99
26) 2-Nitrophenol	10.293	139	41644	51.150	ng		91
27) 2,4-Dimethylphenol	10.340	122	71366	50.060	ng		99
28) bis(2-Chloroethoxy)met...	10.563	93	90741	44.326	ng		99
29) 2,4-Dichlorophenol	10.840	162	75862	50.172	ng		94
30) 1,2,4-Trichlorobenzene	11.045	180	81727	46.862	ng		98
31) Naphthalene	11.239	128	219271	46.373	ng		99
32) Benzoic acid	10.499	122	28793m	36.300	ng		
33) 4-Chloroaniline	11.345	127	44425	20.921	ng		99
34) Hexachlorobutadiene	11.503	225	55685	43.031	ng		98
35) Caprolactam	12.126	113	20719m	40.115	ng		
36) 4-Chloro-3-methylphenol	12.449	107	82157	47.813	ng		99
37) 2-Methylnaphthalene	12.819	142	160974	43.299	ng		95
38) 1-Methylnaphthalene	13.037	142	152172	43.426	ng		99
40) 1,2,4,5-Tetrachloroben...	13.183	216	106967	49.146	ng		99
41) Hexachlorocyclopentadiene	13.148	237	75818	73.063	ng		97
43) 2,4,6-Trichlorophenol	13.418	196	70152	52.904	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	74011	47.450	ng		96
46) 1,1'-Biphenyl	13.806	154	225003	49.458	ng		99
47) 2-Chloronaphthalene	13.859	162	173159	51.185	ng		99
48) 2-Nitroaniline	14.059	65	56618	49.221	ng		95
49) Acenaphthylene	14.693	152	274161	49.883	ng		99
50) Dimethylphthalate	14.405	163	236132	46.869	ng		99
51) 2,6-Dinitrotoluene	14.540	165	52420	50.960	ng		85
52) Acenaphthene	15.034	154	167059	48.643	ng		98
53) 3-Nitroaniline	14.875	138	31266	30.340	ng		85
54) 2,4-Dinitrophenol	15.093	184	55605	86.840	ng		95
55) Dibenzofuran	15.363	168	276968	47.998	ng		98
56) 4-Nitrophenol	15.192	139	67850	98.994	ng		89
57) 2,4-Dinitrotoluene	15.328	165	75871	51.609	ng		94
58) Fluorene	16.009	166	229300	48.242	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	72766	51.457	ng	#	100
60) Diethylphthalate	15.751	149	235133	45.957	ng		99
61) 4-Chlorophenyl-phenyle...	15.986	204	129300	45.156	ng		96
62) 4-Nitroaniline	16.038	138	54264	52.196	ng	#	81
63) Azobenzene	16.279	77	215577	43.669	ng		96
65) 4,6-Dinitro-2-methylph...	16.097	198	49441	54.062	ng		98
66) n-Nitrosodiphenylamine	16.203	169	202929	48.777	ng		97
67) 4-Bromophenyl-phenylether	16.878	248	89072	47.634	ng		97
68) Hexachlorobenzene	17.014	284	94650	52.087	ng		97
69) Atrazine	17.137	200	94720	59.684	ng		98
70) Pentachlorophenol	17.366	266	92191	88.032	ng		98
71) Phenanthrene	17.754	178	391351	49.859	ng		99
72) Anthracene	17.842	178	396573	49.240	ng		98
73) Carbazole	18.106	167	361965	53.385	ng		98
74) Di-n-butylphthalate	18.623	149	410969	52.681	ng		98
75) Fluoranthene	19.739	202	482581	49.433	ng		98
77) Benzidine	19.910	184	102702	32.643	ng		99
78) Pyrene	20.104	202	493308	48.239	ng		99
80) Butylbenzylphthalate	20.949	149	181320	55.881	ng		97
81) Benzo(a)anthracene	21.995	228	488948	48.765	ng		100
82) 3,3'-Dichlorobenzidine	21.889	252	126040	39.246	ng		98
83) Chrysene	22.066	228	445354	47.208	ng		99
84) Bis(2-ethylhexyl)phtha...	21.831	149	253412	52.786	ng		99
85) Di-n-octyl phthalate	23.123	149	423597	52.926	ng		98
87) Indeno(1,2,3-cd)pyrene	29.579	276	542862	48.565	ng		99
88) Benzo(b)fluoranthene	24.392	252	483780m	48.252	ng		
89) Benzo(k)fluoranthene	24.468	252	480741	47.186	ng		99
90) Benzo(a)pyrene	25.349	252	430236	43.924	ng		97
91) Dibenzo(a,h)anthracene	29.626	278	451808	48.534	ng		99
92) Benzo(g,h,i)perylene	30.860	276	441908	48.617	ng		97

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

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