Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057016.D
Acq On : 6 Apr 2023 17:37
Operator : CG/JU
Sample : 02191-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11982MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

Quant Time: Apr 07 01:38:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 07 01:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.413	152	14863	20.000	ng		0.00
21) Naphthalene-d8	11.250	136	59613	20.000	ng		0.00
39) Acenaphthene-d10	15.021	164	43448	20.000	ng		0.00
64) Phenanthrene-d10	17.759	188	98562	20.000	ng		0.00
76) Chrysene-d12	22.082	240	86331	20.000	ng		0.00
86) Perylene-d12	25.625	264	93822	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.922	112	94135	101.365	ng		0.00
7) Phenol-d6	7.543	99	135412	97.492	ng		0.00
23) Nitrobenzene-d5	9.588	82	87676	60.180	ng		0.00
42) 2,4,6-Tribromophenol	16.502	330	67130	96.716	ng		0.00
45) 2-Fluorobiphenyl	13.647	172	202334	63.148	ng		0.00
79) Terphenyl-d14	20.326	244	317121	62.158	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.731	88	16715	41.059	ng		95
3) Pyridine	4.148	79	49404	37.678	ng		98
4) n-Nitrosodimethylamine	4.060	42	27519	45.648	ng		96
6) Aniline	7.725	93	66406	37.398	ng		96
8) 2-Chlorophenol	7.966	128	50193	54.262	ng		93
9) Benzaldehyde	7.532	77	35708	40.988	ng		93
10) Phenol	7.573	94	70550	51.262	ng		100
11) bis(2-Chloroethyl)ether	7.808	93	45732	46.649	ng		97
12) 1,3-Dichlorobenzene	8.301	146	55263	54.068	ng		98
13) 1,4-Dichlorobenzene	8.448	146	56131	54.413	ng		97
14) 1,2-Dichlorobenzene	8.771	146	53516	53.697	ng		98
15) Benzyl Alcohol	8.642	79	56215	48.709	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.930	45	55702m	47.146	ng		
17) 2-Methylphenol	8.841	107	47560	48.437	ng		90
18) Hexachloroethane	9.511	117	20192	53.554	ng		94
19) n-Nitroso-di-n-propyla...	9.212	70	43800	44.088	ng		94
20) 3+4-Methylphenols	9.170	107	63937	46.567	ng		100
22) Acetophenone	9.241	105	81572	45.986	ng	#	99
24) Nitrobenzene	9.635	77	70014	47.004	ng		97
25) Isophorone	10.152	82	115923	41.784	ng		98
26) 2-Nitrophenol	10.351	139	28693	49.906	ng		94
27) 2,4-Dimethylphenol	10.392	122	50007	49.263	ng		99
28) bis(2-Chloroethoxy)met...	10.627	93	61738	44.450	ng		96
29) 2,4-Dichlorophenol	10.886	162	54855	50.247	ng		97
30) 1,2,4-Trichlorobenzene	11.109	180	59850	51.596	ng		100
31) Naphthalene	11.303	128	156600	48.195	ng		99
32) Benzoic acid	10.533	122	34929m	50.092	ng		
33) 4-Chloroaniline	11.403	127	44519	30.336	ng		98
34) Hexachlorobutadiene	11.573	225	44261	50.797	ng		97
35) Caprolactam	12.172	113	15839m	42.070	ng		
36) 4-Chloro-3-methylphenol	12.490	107	56990	46.680	ng		95
37) 2-Methylnaphthalene	12.877	142	114769	44.504	ng		98
38) 1-Methylnaphthalene	13.095	142	105296	43.483	ng		98
40) 1,2,4,5-Tetrachloroben...	13.236	216	79375	52.683	ng		99
41) Hexachlorocyclopentadiene	13.212	237	86158	103.789	ng		96
43) 2,4,6-Trichlorophenol	13.465	196	49236	51.210	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	54237	47.618	ng		96
46) 1,1'-Biphenyl	13.858	154	161405	50.748	ng		99
47) 2-Chloronaphthalene	13.911	162	120577	51.259	ng		97
48) 2-Nitroaniline	14.105	65	39645	47.134	ng		98
49) Acenaphthylene	14.751	152	191257	49.486	ng		100
50) Dimethylphthalate	14.457	163	154774	45.211	ng	#	98
51) 2,6-Dinitrotoluene	14.587	165	34845	47.110	ng		94
52) Acenaphthene	15.086	154	152842m	57.341	ng		
53) 3-Nitroaniline	14.916	138	27266	37.242	ng		91
54) 2,4-Dinitrophenol	15.127	184	45667	109.690	ng	#	85
55) Dibenzofuran	15.421	168	193071	48.260	ng		98
56) 4-Nitrophenol	15.215	139	57216	105.685	ng		92
57) 2,4-Dinitrotoluene	15.368	165	48369	46.366	ng	#	95
58) Fluorene	16.061	166	161167	48.684	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.638	232	51004	49.182	ng	#	99
60) Diethylphthalate	15.803	149	152643	44.477	ng		98
61) 4-Chlorophenyl-phenyle...	16.044	204	88383	45.472	ng		100
62) 4-Nitroaniline	16.073	138	33500	44.164	ng		99
63) Azobenzene	16.337	77	156773	45.837	ng		96
65) 4,6-Dinitro-2-methylph...	16.132	198	33069	55.398	ng		97
66) n-Nitrosodiphenylamine	16.255	169	134100	50.684	ng		95
67) 4-Bromophenyl-phenylether	16.936	248	60097	49.279	ng		90
68) Hexachlorobenzene	17.066	284	65138	54.025	ng		98
69) Atrazine	17.189	200	57141	52.027	ng		97
70) Pentachlorophenol	17.406	266	86265	99.731	ng		99
71) Phenanthrene	17.806	178	349985	69.647	ng		100
72) Anthracene	17.894	178	257740	50.033	ng		99
73) Carbazole	18.158	167	226217	50.367	ng		96
74) Di-n-butylphthalate	18.681	149	243686	46.854	ng		98
75) Fluoranthene	19.791	202	455664	71.531	ng		99
77) Benzidine	19.956	184	83428	35.355	ng		96
78) Pyrene	20.156	202	455314	76.253	ng		99
80) Butylbenzylphthalate	21.007	149	98487	47.931	ng		96
81) Benzo(a)anthracene	22.059	228	359627	60.198	ng		98
82) 3,3'-Dichlorobenzidine	21.953	252	72662	36.019	ng		97
83) Chrysene	22.135	228	351460	62.832	ng		96
84) Bis(2-ethylhexyl)phtha...	21.912	149	143390	48.192	ng		96
85) Di-n-octyl phthalate	23.228	149	238607	47.588	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.725	276	399100	57.558	ng	#	96
88) Benzo(b)fluoranthene	24.497	252	404781m	68.993	ng		
89) Benzo(k)fluoranthene	24.567	252	324261	55.361	ng		97
90) Benzo(a)pyrene	25.460	252	336582	58.381	ng		97
91) Dibenzo(a,h)anthracene	29.778	278	294355	51.645	ng		98
92) Benzo(g,h,i)perylene	31.011	276	331680	59.431	ng		99

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

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