Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057540.D
Acq On : 24 May 2023 18:53
Operator : CG/JU
Sample : 02869-11MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP19MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Quant Time: May 25 02:25:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.355	152	18374	20.000	ng		-0.01
21) Naphthalene-d8	11.192	136	71055	20.000	ng		-0.01
39) Acenaphthene-d10	14.975	164	49113	20.000	ng		0.00
64) Phenanthrene-d10	17.713	188	126298	20.000	ng		-0.01
76) Chrysene-d12	22.019	240	125138	20.000	ng		-0.02
86) Perylene-d12	25.514	264	136308	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.876	112	118274	110.113	ng		0.00
7) Phenol-d6	7.503	99	170966	104.817	ng		0.00
23) Nitrobenzene-d5	9.536	82	104635	61.806	ng		-0.01
42) 2,4,6-Tribromophenol	16.456	330	82601	118.533	ng		-0.01
45) 2-Fluorobiphenyl	13.595	172	242582	66.522	ng		-0.01
79) Terphenyl-d14	20.280	244	525006	68.466	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.673	88	19313	43.486	ng		97
3) Pyridine	4.096	79	53125	37.221	ng		96
4) n-Nitrosodimethylamine	4.008	42	27641	41.211	ng	#	83
6) Aniline	7.667	93	80078	38.700	ng		96
8) 2-Chlorophenol	7.920	128	60267	53.099	ng		100
9) Benzaldehyde	7.479	77	42442	50.981	ng		98
10) Phenol	7.532	94	78490	49.364	ng		95
11) bis(2-Chloroethyl)ether	7.756	93	55297	46.120	ng		99
12) 1,3-Dichlorobenzene	8.243	146	66336	52.955	ng		96
13) 1,4-Dichlorobenzene	8.390	146	66347	52.728	ng		98
14) 1,2-Dichlorobenzene	8.719	146	63659	52.407	ng		96
15) Benzyl Alcohol	8.596	79	59984	44.144	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.878	45	67610m	44.740	ng		
17) 2-Methylphenol	8.795	107	52623	45.912	ng		97
18) Hexachloroethane	9.453	117	23865	52.556	ng		98
19) n-Nitroso-di-n-propyla...	9.160	70	48793	39.231	ng		97
20) 3+4-Methylphenols	9.124	107	71063	45.279	ng		95
22) Acetophenone	9.189	105	92528	45.498	ng	#	95
24) Nitrobenzene	9.577	77	73688	43.124	ng		94
25) Isophorone	10.099	82	129552	39.464	ng		99
26) 2-Nitrophenol	10.299	139	33028	50.497	ng		98
27) 2,4-Dimethylphenol	10.340	122	57809	50.476	ng		98
28) bis(2-Chloroethoxy)met...	10.569	93	71759	43.633	ng		98
29) 2,4-Dichlorophenol	10.840	162	62358	51.335	ng		94
30) 1,2,4-Trichlorobenzene	11.051	180	67815	48.403	ng		99
31) Naphthalene	11.245	128	178199	46.911	ng		99
32) Benzoic acid	10.499	122	35795	53.591	ng		95
33) 4-Chloroaniline	11.351	127	63609	37.287	ng		97
34) Hexachlorobutadiene	11.515	225	47230	45.431	ng		97
35) Caprolactam	12.126	113	20638m	49.738	ng		
36) 4-Chloro-3-methylphenol	12.449	107	65605	47.525	ng		95
37) 2-Methylnaphthalene	12.825	142	130198	43.593	ng		92
38) 1-Methylnaphthalene	13.043	142	121130	43.028	ng		97
40) 1,2,4,5-Tetrachloroben...	13.184	216	89194	51.156	ng		98
41) Hexachlorocyclopentadiene	13.154	237	70844	84.176	ng		97
43) 2,4,6-Trichlorophenol	13.424	196	55842	52.570	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	60851	48.701	ng		99
46) 1,1'-Biphenyl	13.806	154	179683	49.304	ng		99
47) 2-Chloronaphthalene	13.859	162	139301	51.402	ng		99
48) 2-Nitroaniline	14.059	65	45458	49.332	ng		96
49) Acenaphthylene	14.699	152	216712	49.222	ng		99
50) Dimethylphthalate	14.411	163	181432	44.955	ng		99
51) 2,6-Dinitrotoluene	14.541	165	41613	50.500	ng		85
52) Acenaphthene	15.040	154	132041	47.994	ng		98
53) 3-Nitroaniline	14.875	138	33779	40.918	ng		90
54) 2,4-Dinitrophenol	15.093	184	55411	106.827	ng		96
55) Dibenzofuran	15.369	168	218589	47.288	ng		98
56) 4-Nitrophenol	15.187	139	64005	116.574	ng		91
57) 2,4-Dinitrotoluene	15.334	165	59976	50.928	ng	#	92
58) Fluorene	16.015	166	179614	47.173	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.592	232	59446	52.476	ng		99
60) Diethylphthalate	15.751	149	188203	45.919	ng		100
61) 4-Chlorophenyl-phenyle...	15.991	204	103464	45.106	ng		96
62) 4-Nitroaniline	16.038	138	43653	52.417	ng		91
63) Azobenzene	16.285	77	188262	47.606	ng		95
65) 4,6-Dinitro-2-methylph...	16.097	198	43285	57.404	ng		97
66) n-Nitrosodiphenylamine	16.203	169	161700	47.139	ng		99
67) 4-Bromophenyl-phenylether	16.884	248	69626	45.159	ng		98
68) Hexachlorobenzene	17.020	284	74447	49.689	ng		95
69) Atrazine	17.137	200	77954	59.574	ng		98
70) Pentachlorophenol	17.366	266	83586	96.802	ng		97
71) Phenanthrene	17.754	178	315747	48.789	ng		99
72) Anthracene	17.848	178	319578	48.125	ng		98
73) Carbazole	18.112	167	302030	54.026	ng		99
74) Di-n-butylphthalate	18.623	149	343732	53.440	ng		98
75) Fluoranthene	19.745	202	410947	51.055	ng		99
77) Benzidine	19.910	184	227142	81.191	ng		99
78) Pyrene	20.104	202	421773	46.383	ng		98
80) Butylbenzylphthalate	20.949	149	156214	54.143	ng		98
81) Benzo(a)anthracene	22.001	228	426965	47.889	ng		99
82) 3,3'-Dichlorobenzidine	21.895	252	128365	44.950	ng		100
83) Chrysene	22.071	228	392125	46.745	ng		100
84) Bis(2-ethylhexyl)phtha...	21.837	149	222673	52.162	ng		99
85) Di-n-octyl phthalate	23.129	149	375005	52.693	ng		98
87) Indeno(1,2,3-cd)pyrene	29.579	276	474201	47.734	ng	#	55
88) Benzo(b)fluoranthene	24.398	252	427582	47.987	ng		98
89) Benzo(k)fluoranthene	24.474	252	423155	46.734	ng		99
90) Benzo(a)pyrene	25.361	252	377229	43.334	ng		97
91) Dibenzo(a,h)anthracene	29.626	278	398895	48.215	ng		99
92) Benzo(g,h,i)perylene	30.854	276	384973	47.656	ng		97

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

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