Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
Data File : BG056440.D
Acq On : 26 Jan 2023 13:02
Operator : CG/JU
Sample : 01260-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-21MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 00:57:51 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.297	152	34137	20.000	ng		0.00
21) Naphthalene-d8	11.129	136	128894	20.000	ng		0.00
39) Acenaphthene-d10	14.913	164	105878	20.000	ng		0.00
64) Phenanthrene-d10	17.651	188	272296	20.000	ng		0.00
76) Chrysene-d12	21.946	240	262864	20.000	ng	#	0.00
86) Perylene-d12	25.377	264	285037	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.817	112	285110	149.124	ng		0.00
7) Phenol-d6	7.445	99	371207	126.427	ng		0.00
23) Nitrobenzene-d5	9.472	82	218066	86.539	ng		0.00
42) 2,4,6-Tribromophenol	16.393	330	219453	163.658	ng		0.00
45) 2-Fluorobiphenyl	13.538	172	729609	95.158	ng		0.00
79) Terphenyl-d14	20.224	244	1497222	102.015	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.632	88	32471	37.183	ng	#	72
3) Pyridine	4.061	79	44712	16.810	ng	#	88
4) n-Nitrosodimethylamine	3.955	42	21003	38.819	ng		89
6) Aniline	7.609	93	62772	16.303	ng		99
8) 2-Chlorophenol	7.856	128	106061	55.747	ng		93
9) Benzaldehyde	7.421	77	46128	26.422	ng		94
10) Phenol	7.468	94	130501	43.827	ng		96
11) bis(2-Chloroethyl)ether	7.698	93	91652	45.420	ng		99
12) 1,3-Dichlorobenzene	8.185	146	115043	49.684	ng	#	91
13) 1,4-Dichlorobenzene	8.332	146	114938	49.431	ng		96
14) 1,2-Dichlorobenzene	8.655	146	112161	49.992	ng		97
15) Benzyl Alcohol	8.532	79	92404	43.242	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.814	45	20088	56.334	ng	#	81
17) 2-Methylphenol	8.737	107	102473	46.900	ng		96
18) Hexachloroethane	9.390	117	34048	48.201	ng		94
19) n-Nitroso-di-n-propyla...	9.096	70	72910	40.836	ng		98
20) 3+4-Methylphenols	9.061	107	141719	46.134	ng		94
22) Acetophenone	9.125	105	167502	45.960	ng	#	95
24) Nitrobenzene	9.513	77	105873	42.397	ng		90
25) Isophorone	10.036	82	225075	42.453	ng		95
26) 2-Nitrophenol	10.230	139	66437	51.998	ng		94
27) 2,4-Dimethylphenol	10.277	122	119243	51.169	ng		95
28) bis(2-Chloroethoxy)met...	10.506	93	128281	46.553	ng		99
29) 2,4-Dichlorophenol	10.770	162	137314	53.297	ng		98
30) 1,2,4-Trichlorobenzene	10.982	180	133679	45.723	ng		99
31) Naphthalene	11.176	128	325423	47.973	ng		99
32) Benzoic acid	10.377	122	11578m	6.696	ng		
33) 4-Chloroaniline	11.282	127	53772	16.603	ng		96
34) Hexachlorobutadiene	11.452	225	93703	44.562	ng		98
35) Caprolactam	12.051	113	30620m	35.104	ng		
36) 4-Chloro-3-methylphenol	12.380	107	129988	49.722	ng		98
37) 2-Methylnaphthalene	12.762	142	259759	45.351	ng		97
38) 1-Methylnaphthalene	12.980	142	241827	45.466	ng		98
40) 1,2,4,5-Tetrachloroben...	13.121	216	187777	47.320	ng		99
41) Hexachlorocyclopentadiene	13.097	237	184071	81.360	ng		95
43) 2,4,6-Trichlorophenol	13.356	196	135841	51.769	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.438	196	146998	47.357	ng		98
46) 1,1'-Biphenyl	13.749	154	379113	49.998	ng		97
47) 2-Chloronaphthalene	13.802	162	303286	50.674	ng		99
48) 2-Nitroaniline	13.996	65	64666	50.710	ng		92
49) Acenaphthylene	14.636	152	480953	49.381	ng		99
50) Dimethylphthalate	14.354	163	430149	50.327	ng		99
51) 2,6-Dinitrotoluene	14.478	165	93277	51.216	ng		93
52) Acenaphthene	14.977	154	307320m	48.515	ng		
53) 3-Nitroaniline	14.813	138	64735	37.348	ng		88
54) 2,4-Dinitrophenol	15.024	184	39190	30.121	ng		95
55) Dibenzofuran	15.306	168	509941	48.646	ng		96
56) 4-Nitrophenol	15.118	139	127227	95.440	ng		88
57) 2,4-Dinitrotoluene	15.265	165	133278	52.327	ng		88
58) Fluorene	15.953	166	417576	49.527	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.530	232	142383m	48.854	ng		
60) Diethylphthalate	15.700	149	395610	49.355	ng		99
61) 4-Chlorophenyl-phenyle...	15.935	204	248837	47.292	ng		98
62) 4-Nitroaniline	15.970	138	88480	49.835	ng		95
63) Azobenzene	16.229	77	285460	46.150	ng		95
65) 4,6-Dinitro-2-methylph...	16.029	198	53136	28.964	ng		95
66) n-Nitrosodiphenylamine	16.146	169	383953	50.821	ng		98
67) 4-Bromophenyl-phenylether	16.828	248	173150	49.936	ng		96
68) Hexachlorobenzene	16.957	284	179108	55.365	ng		97
69) Atrazine	17.081	200	165218	52.767	ng		98
70) Pentachlorophenol	17.298	266	181278	72.948	ng		96
71) Phenanthrene	17.692	178	717271	50.830	ng		99
72) Anthracene	17.786	178	736353	50.585	ng		100
73) Carbazole	18.050	167	638403	52.175	ng		98
74) Di-n-butylphthalate	18.573	149	666145	54.614	ng		99
75) Fluoranthene	19.683	202	892329	48.478	ng		99
77) Benzidine	19.848	184	145718	15.818	ng		98
78) Pyrene	20.048	202	902811	48.727	ng		99
80) Butylbenzylphthalate	20.900	149	278842	52.459	ng		97
81) Benzo(a)anthracene	21.922	228	901964	48.853	ng		99
82) 3,3'-Dichlorobenzidine	21.822	252	257386	38.727	ng		96
83) Chrysene	21.993	228	845142	48.869	ng		100
84) Bis(2-ethylhexyl)phtha...	21.781	149	395262	51.614	ng		99
85) Di-n-octyl phthalate	23.056	149	670072	51.831	ng		100
87) Indeno(1,2,3-cd)pyrene	29.337	276	1055994	50.941	ng	#	96
88) Benzo(b)fluoranthene	24.278	252	930672m	51.389	ng		
89) Benzo(k)fluoranthene	24.354	252	922491	51.153	ng		100
90) Benzo(a)pyrene	25.218	252	824187	46.660	ng	#	99
91) Dibenzo(a,h)anthracene	29.401	278	896754	51.598	ng		98
92) Benzo(g,h,i)perylene	30.582	276	863944	51.261	ng		98

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

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