Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
Data File : BG057714.D
Acq On : 14 Jun 2023 19:24
Operator : CG/JU
Sample : 03167-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-GAMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/15/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 15 01:23:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.936	152	32035	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	132454	20.000	ng		0.00
39) Acenaphthene-d10	14.570	164	88598	20.000	ng		0.00
64) Phenanthrene-d10	17.314	188	226486	20.000	ng		0.00
76) Chrysene-d12	21.573	240	202182	20.000	ng		0.00
86) Perylene-d12	24.734	264	255788	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	169913	86.364	ng		0.00
7) Phenol-d6	7.096	99	234612	77.624	ng		0.00
23) Nitrobenzene-d5	9.094	82	127212	63.959	ng		-0.01
42) 2,4,6-Tribromophenol	16.056	330	96959	98.092	ng		0.00
45) 2-Fluorobiphenyl	13.195	172	294656	49.574	ng		0.00
79) Terphenyl-d14	19.928	244	554442	50.701	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.418	88	36595	36.536	ng		91
3) Pyridine	3.806	79	94992	33.502	ng		94
4) n-Nitrosodimethylamine	3.724	42	55013	39.781	ng		90
6) Aniline	7.261	93	131953	33.276	ng		98
8) 2-Chlorophenol	7.502	128	88867	47.112	ng		95
9) Benzaldehyde	7.073	77	56926	30.557	ng		96
10) Phenol	7.120	94	127710	43.242	ng		98
11) bis(2-Chloroethyl)ether	7.361	93	89900	38.837	ng		94
12) 1,3-Dichlorobenzene	7.825	146	92786	42.523	ng		97
13) 1,4-Dichlorobenzene	7.972	146	94108	43.500	ng		98
14) 1,2-Dichlorobenzene	8.289	146	88725	42.209	ng		100
15) Benzyl Alcohol	8.171	79	90843	39.245	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.465	45	180903	35.891	ng		98
17) 2-Methylphenol	8.371	107	84636	38.944	ng		96
18) Hexachloroethane	9.017	117	32615	48.784	ng		97
19) n-Nitroso-di-n-propyla...	8.741	70	75433	34.517	ng		97
20) 3+4-Methylphenols	8.700	107	116138	39.084	ng		97
22) Acetophenone	8.759	105	148241	38.525	ng	#	97
24) Nitrobenzene	9.141	77	102762	43.560	ng		100
25) Isophorone	9.658	82	216881	35.327	ng		98
26) 2-Nitrophenol	9.852	139	36689	57.352	ng		91
27) 2,4-Dimethylphenol	9.905	122	87533	42.699	ng		99
28) bis(2-Chloroethoxy)met...	10.146	93	120419	37.732	ng		97
29) 2,4-Dichlorophenol	10.381	162	85208	48.998	ng		97
30) 1,2,4-Trichlorobenzene	10.604	180	89810	39.735	ng		95
31) Naphthalene	10.792	128	273640	38.440	ng		99
32) Benzoic acid	10.034	122	64978	81.110	ng		92
33) 4-Chloroaniline	10.892	127	91878	27.722	ng		99
34) Hexachlorobutadiene	11.074	225	55496	39.045	ng		97
35) Caprolactam	11.661	113	34415m	47.974	ng		
36) 4-Chloro-3-methylphenol	12.014	107	107360	43.578	ng		100
37) 2-Methylnaphthalene	12.396	142	187623	35.626	ng		99
38) 1-Methylnaphthalene	12.619	142	175569	35.535	ng		97
40) 1,2,4,5-Tetrachloroben...	12.760	216	99762	39.777	ng		99
41) Hexachlorocyclopentadiene	12.748	237	119932	125.376	ng		95
43) 2,4,6-Trichlorophenol	13.001	196	74507	46.047	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.072	196	82698	43.423	ng		96
46) 1,1'-Biphenyl	13.406	154	248857	40.653	ng		98
47) 2-Chloronaphthalene	13.448	162	193308	41.781	ng		98
48) 2-Nitroaniline	13.647	65	69395	53.371	ng		99
49) Acenaphthylene	14.294	152	318288	39.669	ng		99
50) Dimethylphthalate	14.029	163	270172	41.589	ng		99
51) 2,6-Dinitrotoluene	14.141	165	51435	52.472	ng		86
52) Acenaphthene	14.634	154	214199m	44.536	ng		
53) 3-Nitroaniline	14.470	138	46910	43.390	ng	#	97
54) 2,4-Dinitrophenol	14.676	184	48804	104.431	ng		96
55) Dibenzofuran	14.969	168	313497	38.832	ng		99
56) 4-Nitrophenol	14.775	139	104473	96.486	ng		93
57) 2,4-Dinitrotoluene	14.928	165	71899	55.322	ng		96
58) Fluorene	15.616	166	251603	39.123	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.193	232	75478	47.251	ng		100
60) Diethylphthalate	15.392	149	279658	41.704	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	131711	38.228	ng		98
62) 4-Nitroaniline	15.633	138	62168	50.203	ng		94
63) Azobenzene	15.904	77	295065	40.923	ng		97
65) 4,6-Dinitro-2-methylph...	15.692	198	36621	62.074	ng		85
66) n-Nitrosodiphenylamine	15.827	169	227191	38.373	ng		98
67) 4-Bromophenyl-phenylether	16.509	248	88179	38.236	ng		94
68) Hexachlorobenzene	16.620	284	96170	39.903	ng		97
69) Atrazine	16.773	200	98939	50.228	ng		96
70) Pentachlorophenol	16.961	266	132307	91.440	ng		96
71) Phenanthrene	17.355	178	434423	39.308	ng		99
72) Anthracene	17.449	178	440629	39.356	ng		100
73) Carbazole	17.713	167	439719	42.408	ng		100
74) Di-n-butylphthalate	18.283	149	532704	46.351	ng		99
75) Fluoranthene	19.370	202	545526	40.974	ng		99
77) Benzidine	19.546	184	314526	65.257	ng		97
78) Pyrene	19.728	202	557286	38.740	ng		100
80) Butylbenzylphthalate	20.622	149	240862	46.175	ng		98
81) Benzo(a)anthracene	21.550	228	553818	39.664	ng		100
82) 3,3'-Dichlorobenzidine	21.473	252	158225	34.790	ng		100
83) Chrysene	21.620	228	512978	38.604	ng		99
84) Bis(2-ethylhexyl)phtha...	21.473	149	346132	48.840	ng		100
85) Di-n-octyl phthalate	22.666	149	632784	51.780	ng		97
87) Indeno(1,2,3-cd)pyrene	28.342	276	679376	41.049	ng		98
88) Benzo(b)fluoranthene	23.730	252	586598	42.273	ng		99
89) Benzo(k)fluoranthene	23.800	252	574000	39.884	ng		98
90) Benzo(a)pyrene	24.587	252	525604	38.524	ng	#	98
91) Dibenzo(a,h)anthracene	28.407	278	558826	40.859	ng		97
92) Benzo(g,h,i)perylene	29.470	276	563294	41.264	ng		98

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

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