Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057727.D
Acq On : 15 Jun 2023 16:45
Operator : CG/JU
Sample : 03157-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-622-COMP-01MS

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

Quant Time: Jun 16 01:12:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	36616	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	149410	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	97119	20.000	ng		0.00
64) Phenanthrene-d10	17.312	188	225250	20.000	ng		0.00
76) Chrysene-d12	21.572	240	193844	20.000	ng		0.00
86) Perylene-d12	24.733	264	241150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.514	112	401605	178.591	ng		0.00
7) Phenol-d6	7.101	99	530730	153.630	ng		0.00
23) Nitrobenzene-d5	9.098	82	330698	128.456	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	221616	204.534	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	723689	111.073	ng		0.00
79) Terphenyl-d14	19.933	244	1210598	115.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	47948	41.881	ng	#	53
3) Pyridine	3.834	79	122218	37.711	ng		91
4) n-Nitrosodimethylamine	3.740	42	73132	46.267	ng		86
6) Aniline	7.265	93	165000	36.404	ng		96
8) 2-Chlorophenol	7.506	128	136061	63.107	ng		92
9) Benzaldehyde	7.077	77	70450m	33.085	ng		
10) Phenol	7.124	94	181570	53.788	ng		98
11) bis(2-Chloroethyl)ether	7.359	93	134693	50.908	ng		98
12) 1,3-Dichlorobenzene	7.829	146	125702	50.401	ng		94
13) 1,4-Dichlorobenzene	7.976	146	126553	51.179	ng		98
14) 1,2-Dichlorobenzene	8.293	146	123663	51.470	ng		98
15) Benzyl Alcohol	8.176	79	145079	54.834	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.470	45	262756	45.609	ng		98
17) 2-Methylphenol	8.376	107	129972	52.322	ng		96
18) Hexachloroethane	9.022	117	44163	57.792	ng		97
19) n-Nitroso-di-n-propyla...	8.746	70	117347	46.978	ng		96
20) 3+4-Methylphenols	8.705	107	178794	52.642	ng		96
22) Acetophenone	8.764	105	225995	52.066	ng	#	95
24) Nitrobenzene	9.140	77	158641	57.744	ng		97
25) Isophorone	9.662	82	338727	48.912	ng		99
26) 2-Nitrophenol	9.851	139	62050	71.267	ng		90
27) 2,4-Dimethylphenol	9.909	122	137881	59.625	ng		98
28) bis(2-Chloroethoxy)met...	10.150	93	194990	54.164	ng		97
29) 2,4-Dichlorophenol	10.385	162	133967	68.294	ng		98
30) 1,2,4-Trichlorobenzene	10.603	180	134714	52.838	ng		97
31) Naphthalene	10.791	128	409093	50.946	ng		99
32) Benzoic acid	10.027	122	61793	68.381	ng		97
33) 4-Chloroaniline	10.896	127	57938	15.497	ng		94
34) Hexachlorobutadiene	11.078	225	80179	50.009	ng		99
35) Caprolactam	11.678	113	44670m	55.202	ng		
36) 4-Chloro-3-methylphenol	12.019	107	164956	59.358	ng		96
37) 2-Methylnaphthalene	12.400	142	286401	48.210	ng		98
38) 1-Methylnaphthalene	12.618	142	271862	48.780	ng		99
40) 1,2,4,5-Tetrachloroben...	12.765	216	154181	56.082	ng		99
41) Hexachlorocyclopentadiene	12.747	237	173072	165.054	ng		95
43) 2,4,6-Trichlorophenol	13.000	196	116126	64.066	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	127806	59.860	ng		94
46) 1,1'-Biphenyl	13.405	154	386433	57.589	ng		99
47) 2-Chloronaphthalene	13.452	162	296545	58.471	ng		97
48) 2-Nitroaniline	13.646	65	108203	67.878	ng		96
49) Acenaphthylene	14.292	152	487662	55.445	ng		98
50) Dimethylphthalate	14.028	163	405678	56.970	ng		99
51) 2,6-Dinitrotoluene	14.145	165	84109	69.688	ng	#	82
52) Acenaphthene	14.633	154	318511m	60.414	ng		
53) 3-Nitroaniline	14.475	138	49005	41.799	ng	#	90
54) 2,4-Dinitrophenol	14.674	184	61034	112.858	ng		95
55) Dibenzofuran	14.968	168	475195	53.697	ng		99
56) 4-Nitrophenol	14.774	139	139211	111.251	ng		92
57) 2,4-Dinitrotoluene	14.933	165	113222	71.610	ng	#	88
58) Fluorene	15.620	166	376333	53.384	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.191	232	112279	62.976	ng		99
60) Diethylphthalate	15.391	149	413203	56.213	ng		99
61) 4-Chlorophenyl-phenyle...	15.608	204	198486	52.555	ng		98
62) 4-Nitroaniline	15.638	138	88550	63.875	ng		89
63) Azobenzene	15.902	77	414934	52.498	ng		99
65) 4,6-Dinitro-2-methylph...	15.691	198	52178	77.558	ng		88
66) n-Nitrosodiphenylamine	15.826	169	333478	56.634	ng		99
67) 4-Bromophenyl-phenylether	16.507	248	134046	58.444	ng		97
68) Hexachlorobenzene	16.619	284	142739	59.550	ng		98
69) Atrazine	16.778	200	135595	69.214	ng		98
70) Pentachlorophenol	16.960	266	181806	126.340	ng		96
71) Phenanthrene	17.359	178	614067	55.867	ng		99
72) Anthracene	17.447	178	623114	55.960	ng		99
73) Carbazole	17.718	167	599451	58.130	ng		99
74) Di-n-butylphthalate	18.282	149	726299	63.542	ng		98
75) Fluoranthene	19.369	202	736628	55.631	ng		100
77) Benzidine	19.545	184	116976	25.314	ng		98
78) Pyrene	19.727	202	761233	55.193	ng		100
80) Butylbenzylphthalate	20.620	149	326395	63.566	ng		99
81) Benzo(a)anthracene	21.554	228	757351	56.574	ng		99
82) 3,3'-Dichlorobenzidine	21.472	252	176936	40.578	ng		99
83) Chrysene	21.619	228	707435	55.528	ng		98
84) Bis(2-ethylhexyl)phtha...	21.472	149	460428	67.761	ng		100
85) Di-n-octyl phthalate	22.665	149	844156	72.048	ng		97
87) Indeno(1,2,3-cd)pyrene	28.341	276	948172	60.767	ng		98
88) Benzo(b)fluoranthene	23.728	252	810589	61.961	ng		99
89) Benzo(k)fluoranthene	23.799	252	793866	58.510	ng		97
90) Benzo(a)pyrene	24.586	252	722275	56.153	ng		98
91) Dibenzo(a,h)anthracene	28.411	278	788256	61.133	ng		99
92) Benzo(g,h,i)perylene	29.475	276	777853	60.441	ng		97

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

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