Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
Data File : BG057666.D
Acq On : 8 Jun 2023 11:08
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:31:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 00:28:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.315	152	16264	20.000	ng		0.00
21) Naphthalene-d8	11.147	136	64943	20.000	ng		0.00
39) Acenaphthene-d10	14.931	164	41411	20.000	ng		0.00
64) Phenanthrene-d10	17.668	188	54399	20.000	ng	#	0.00
76) Chrysene-d12	21.963	240	102832	20.000	ng	#	0.00
86) Perylene-d12	25.430	264	116960	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.835	112	7909	10.106	ng		0.00
7) Phenol-d6	7.469	99	10270	7.980	ng		0.00
23) Nitrobenzene-d5	9.496	82	14127	9.643	ng		0.00
42) 2,4,6-Tribromophenol	16.417	330	3965	6.520	ng		0.00
45) 2-Fluorobiphenyl	13.550	172	33452	10.841	ng		0.00
79) Terphenyl-d14	20.236	244	58160	9.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.620	88	1449	2.926	ng	#	94
3) Pyridine	4.061	79	3880m	3.719	ng		
4) n-Nitrosodimethylamine	3.961	42	2348	3.015	ng	#	87
6) Aniline	7.627	93	6759	4.043	ng		97
8) 2-Chlorophenol	7.874	128	4102	4.191	ng		89
9) Benzaldehyde	7.445	77	3133	4.193	ng		95
10) Phenol	7.492	94	5049	4.082	ng		96
11) bis(2-Chloroethyl)ether	7.715	93	4397	4.536	ng		99
12) 1,3-Dichlorobenzene	8.203	146	4673	4.496	ng		95
13) 1,4-Dichlorobenzene	8.356	146	5786	5.266	ng		92
14) 1,2-Dichlorobenzene	8.673	146	6025	5.707	ng		97
15) Benzyl Alcohol	8.567	79	4767	4.550	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.832	45	11532	5.726	ng		97
17) 2-Methylphenol	8.767	107	5525	5.735	ng		95
18) Hexachloroethane	9.408	117	1932	4.648	ng	#	78
19) n-Nitroso-di-n-propyla...	9.114	70	4819	5.294	ng	#	92
20) 3+4-Methylphenols	9.096	107	6676	5.052	ng		91
22) Acetophenone	9.149	105	9047	4.990	ng		98
24) Nitrobenzene	9.543	77	6877	4.807	ng	#	90
25) Isophorone	10.054	82	12751	4.978	ng		97
26) 2-Nitrophenol	10.265	139	2501	4.293	ng	#	79
27) 2,4-Dimethylphenol	10.307	122	4822	4.528	ng		92
28) bis(2-Chloroethoxy)met...	10.530	93	7554	5.604	ng		96
29) 2,4-Dichlorophenol	10.818	162	4629	4.763	ng		83
30) 1,2,4-Trichlorobenzene	11.006	180	5917	5.051	ng	#	97
31) Naphthalene	11.200	128	17894	5.068	ng		97
33) 4-Chloroaniline	11.317	127	7496	4.878	ng	#	94
34) Hexachlorobutadiene	11.464	225	3964	4.918	ng		93
35) Caprolactam	12.063	113	1181	3.921	ng	#	92
36) 4-Chloro-3-methylphenol	12.422	107	5572	4.795	ng		93
37) 2-Methylnaphthalene	12.780	142	12561	5.204	ng		98
38) 1-Methylnaphthalene	12.998	142	12031	5.346	ng		100
40) 1,2,4,5-Tetrachloroben...	13.144	216	6695	5.015	ng		94
43) 2,4,6-Trichlorophenol	13.391	196	3450	4.222	ng		94
44) 2,4,5-Trichlorophenol	13.479	196	4222	4.422	ng	#	93
46) 1,1'-Biphenyl	13.767	154	16826	5.492	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.820	162	11549	5.073	ng		92
48) 2-Nitroaniline	14.026	65	4349	4.675	ng		98
49) Acenaphthylene	14.654	152	20472	5.332	ng		93
50) Dimethylphthalate	14.366	163	16630	5.245	ng		96
51) 2,6-Dinitrotoluene	14.502	165	3592	5.308	ng		93
52) Acenaphthene	14.995	154	11292	4.993	ng		93
53) 3-Nitroaniline	14.848	138	3290	4.758	ng	#	78
55) Dibenzofuran	15.324	168	14381	3.910	ng		98
57) 2,4-Dinitrotoluene	15.301	165	3364	3.653	ng	#	94
58) Fluorene	15.965	166	10235	3.455	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.565	232	2340	3.028	ng	#	95
60) Diethylphthalate	15.712	149	12506	3.934	ng		95
61) 4-Chlorophenyl-phenyle...	15.947	204	6475	3.900	ng		99
62) 4-Nitroaniline	16.006	138	2258	3.309	ng	#	85
63) Azobenzene	16.247	77	12492	3.987	ng		96
65) 4,6-Dinitro-2-methylph...	16.076	198	1002	2.933	ng		93
66) n-Nitrosodiphenylamine	16.164	169	9468	5.244	ng		96
67) 4-Bromophenyl-phenylether	16.840	248	3840	5.630	ng		91
68) Hexachlorobenzene	16.975	284	3388	5.199	ng		99
69) Atrazine	17.093	200	3224	5.663	ng		96
71) Phenanthrene	17.710	178	17986	6.311	ng		96
72) Anthracene	17.804	178	18809m	6.373	ng		
73) Carbazole	18.074	167	18979	6.952	ng		96
74) Di-n-butylphthalate	18.585	149	29867	8.129	ng		97
75) Fluoranthene	19.701	202	34181	4.443	ng		96
77) Benzidine	19.872	184	13153	5.048	ng		96
78) Pyrene	20.066	202	35464	4.766	ng		98
80) Butylbenzylphthalate	20.912	149	13255	4.889	ng		93
81) Benzo(a)anthracene	21.946	228	36076	4.980	ng		97
82) 3,3'-Dichlorobenzidine	21.846	252	12420	4.838	ng	#	98
83) Chrysene	22.016	228	34217	4.994	ng		97
84) Bis(2-ethylhexyl)phtha...	21.787	149	19618	4.829	ng		98
85) Di-n-octyl phthalate	23.062	149	34745	4.953	ng		100
87) Indeno(1,2,3-cd)pyrene	29.425	276	38089	4.855	ng		98
88) Benzo(b)fluoranthene	24.314	252	33588	4.889	ng	#	96
89) Benzo(k)fluoranthene	24.390	252	35931	5.148	ng	#	95
90) Benzo(a)pyrene	25.265	252	32694	4.896	ng	#	95
91) Dibenzo(a,h)anthracene	29.478	278	32084	4.893	ng		98
92) Benzo(g,h,i)perylene	30.689	276	32101	5.012	ng	#	95

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

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