Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
Data File : BG059687.D
Acq On : 14 Nov 2023 18:43
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 15 07:58:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 07:25:44 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.344	152	30338	20.000	ng		0.00
21) Naphthalene-d8	11.194	136	144399	20.000	ng	#	0.00
39) Acenaphthene-d10	14.977	164	108203	20.000	ng		0.00
64) Phenanthrene-d10	17.727	188	258106	20.000	ng	#	0.00
76) Chrysene-d12	22.063	240	304769	20.000	ng	#	0.00
86) Perylene-d12	25.653	264	348449	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.835	112	76936	43.781	ng		0.00
7) Phenol-d6	7.457	99	114221	43.010	ng		-0.01
23) Nitrobenzene-d5	9.549	82	144133	42.910	ng		0.00
42) 2,4,6-Tribromophenol	16.464	330	47458	38.864	ng		0.00
45) 2-Fluorobiphenyl	13.603	172	336469	41.924	ng		0.00
79) Terphenyl-d14	20.301	244	586823	39.726	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.685	88	15349	21.290	ng		98
3) Pyridine	4.102	79	48342	21.095	ng	#	91
4) n-Nitrosodimethylamine	4.031	42	21117	22.463	ng	#	91
6) Aniline	7.668	93	76402	21.651	ng		98
8) 2-Chlorophenol	7.892	128	43378	21.828	ng		94
9) Benzaldehyde	7.492	77	39487	22.976	ng		89
10) Phenol	7.492	94	60114	22.038	ng		93
11) bis(2-Chloroethyl)ether	7.762	93	37279	21.269	ng		97
12) 1,3-Dichlorobenzene	8.232	146	46133m	21.116	ng		
13) 1,4-Dichlorobenzene	8.385	146	48645	21.217	ng		96
14) 1,2-Dichlorobenzene	8.702	146	42785	20.229	ng		91
15) Benzyl Alcohol	8.585	79	60042	21.236	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.855	45	13075	19.833	ng		87
17) 2-Methylphenol	8.767	107	41788	20.912	ng		94
18) Hexachloroethane	9.437	117	18960	21.703	ng		94
19) n-Nitroso-di-n-propyla...	9.155	70	44210	21.610	ng		93
20) 3+4-Methylphenols	9.090	107	60825	21.780	ng		91
22) Acetophenone	9.196	105	83786	21.359	ng		94
24) Nitrobenzene	9.596	77	67239	21.589	ng		95
25) Isophorone	10.095	82	119892	20.750	ng		97
26) 2-Nitrophenol	10.295	139	24949	20.689	ng	#	86
27) 2,4-Dimethylphenol	10.318	122	50796	21.127	ng		99
28) bis(2-Chloroethoxy)met...	10.577	93	49521	20.662	ng	#	92
29) 2,4-Dichlorophenol	10.824	162	44657	20.787	ng		86
30) 1,2,4-Trichlorobenzene	11.041	180	46551	21.218	ng	#	88
31) Naphthalene	11.247	128	153795	21.096	ng	#	89
32) Benzoic acid	10.389	122	30023	18.894	ng	#	81
33) 4-Chloroaniline	11.364	127	66417	20.592	ng		97
34) Hexachlorobutadiene	11.476	225	29393	20.812	ng		93
35) Caprolactam	12.134	113	16316	21.234	ng		96
36) 4-Chloro-3-methylphenol	12.428	107	59521	20.555	ng		94
37) 2-Methylnaphthalene	12.827	142	130263	21.393	ng		99
38) 1-Methylnaphthalene	13.039	142	121780	21.773	ng		95
40) 1,2,4,5-Tetrachloroben...	13.168	216	60223	20.432	ng		98
41) Hexachlorocyclopentadiene	13.121	237	38519	20.432	ng		90
43) 2,4,6-Trichlorophenol	13.409	196	41573	20.225	ng		89

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.479	196	49200	20.895	ng	#	85
46)	1,1'-Biphenyl	13.814	154	183007	21.725	ng		97
47)	2-Chloronaphthalene	13.867	162	122500	20.702	ng		94
48)	2-Nitroaniline	14.079	65	40511	20.146	ng		92
49)	Acenaphthylene	14.707	152	202591	20.270	ng		97
50)	Dimethylphthalate	14.419	163	171233	20.752	ng		98
51)	2,6-Dinitrotoluene	14.560	165	35345	22.220	ng		88
52)	Acenaphthene	15.042	154	118255	19.729	ng		95
53)	3-Nitroaniline	14.895	138	37132	19.987	ng		95
54)	2,4-Dinitrophenol	15.089	184	21298	19.918	ng	#	79
55)	Dibenzofuran	15.371	168	203330	20.884	ng		93
56)	4-Nitrophenol	15.165	139	27028	19.185	ng		92
57)	2,4-Dinitrotoluene	15.336	165	46657	19.951	ng	#	90
58)	Fluorene	16.017	166	172399	20.644	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.577	232	38204	18.859	ng	#	98
60)	Diethylphthalate	15.759	149	183840	20.675	ng		97
61)	4-Chlorophenyl-phenyle...	16.000	204	87821	20.534	ng		97
62)	4-Nitroaniline	16.059	138	37898	19.989	ng	#	82
63)	Azobenzene	16.294	77	195138	20.175	ng		96
65)	4,6-Dinitro-2-methylph...	16.082	198	30622	20.824	ng		78
66)	n-Nitrosodiphenylamine	16.223	169	153680	20.363	ng		94
67)	4-Bromophenyl-phenylether	16.899	248	55792	20.547	ng		97
68)	Hexachlorobenzene	16.993	284	51278	20.126	ng		93
69)	Atrazine	17.151	200	53120	22.423	ng		94
70)	Pentachlorophenol	17.345	266	36983	19.594	ng	#	86
71)	Phenanthrene	17.768	178	272883	20.387	ng		96
72)	Anthracene	17.862	178	285059	20.693	ng		96
73)	Carbazole	18.138	167	254111	21.070	ng		95
74)	Di-n-butylphthalate	18.644	149	289824	20.701	ng		98
75)	Fluoranthene	19.760	202	324159	20.791	ng		97
77)	Benzidine	19.948	184	106049	20.593	ng		99
78)	Pyrene	20.130	202	316070	22.638	ng		97
80)	Butylbenzylphthalate	20.982	149	179108	22.190	ng	#	89
81)	Benzo(a)anthracene	22.040	228	427980	20.594	ng		95
82)	3,3'-Dichlorobenzidine	21.946	252	157750	20.731	ng	#	94
83)	Chrysene	22.110	228	390196	19.765	ng		94
84)	Bis(2-ethylhexyl)phtha...	21.869	149	257190	21.227	ng	#	97
85)	Di-n-octyl phthalate	23.209	149	412369	20.813	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.825	276	523379	21.350	ng	#	54
88)	Benzo(b)fluoranthene	24.490	252	428396	20.258	ng		99
89)	Benzo(k)fluoranthene	24.566	252	440559	20.807	ng		96
90)	Benzo(a)pyrene	25.483	252	409855	20.049	ng	#	96
91)	Dibenzo(a,h)anthracene	29.913	278	452581	21.543	ng		94
92)	Benzo(g,h,i)perylene	31.153	276	423710	21.009	ng	#	91

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

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