Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
Data File : BG060082.D
Acq On : 19 Dec 2023 12:39
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 19 13:14:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	43212	20.000	ng		0.00
21) Naphthalene-d8	10.762	136	166592	20.000	ng	#	0.00
39) Acenaphthene-d10	14.593	164	162814	20.000	ng		0.00
64) Phenanthrene-d10	17.343	188	496862	20.000	ng	#	0.00
76) Chrysene-d12	21.614	240	601585	20.000	ng	#	0.00
86) Perylene-d12	24.805	264	650221	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.521	112	167080	66.189	ng		0.00
7) Phenol-d6	7.108	99	251400	70.801	ng		0.00
23) Nitrobenzene-d5	9.117	82	311974	85.035	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	367893	96.959	ng		0.00
45) 2-Fluorobiphenyl	13.218	172	1125224	84.585	ng		0.00
79) Terphenyl-d14	19.963	244	2934609	89.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.430	88	38946m	32.605	ng		
3) Pyridine	3.823	79	114675m	34.280	ng		
4) n-Nitrosodimethylamine	3.741	42	69964	42.520	ng	#	63
6) Aniline	7.278	93	131129	36.257	ng		92
8) 2-Chlorophenol	7.513	128	90141	37.683	ng		89
9) Benzaldehyde	7.090	77	77180	35.747	ng		95
10) Phenol	7.137	94	127966	35.875	ng		82
11) bis(2-Chloroethyl)ether	7.378	93	79309	31.057	ng		95
12) 1,3-Dichlorobenzene	7.842	146	121830m	38.086	ng		
13) 1,4-Dichlorobenzene	7.989	146	121689	36.558	ng		97
14) 1,2-Dichlorobenzene	8.306	146	125458	39.175	ng		95
15) Benzyl Alcohol	8.189	79	129025	45.211	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.489	45	169077	37.001	ng		99
17) 2-Methylphenol	8.389	107	94838	39.879	ng	#	87
18) Hexachloroethane	9.035	117	40903	40.565	ng		94
19) n-Nitroso-di-n-propyla...	8.759	70	99875	43.597	ng	#	95
20) 3+4-Methylphenols	8.718	107	133218	40.104	ng		97
22) Acetophenone	8.776	105	196470	40.470	ng	#	94
24) Nitrobenzene	9.158	77	161934	43.476	ng		97
25) Isophorone	9.675	82	286660	40.825	ng	#	95
26) 2-Nitrophenol	9.869	139	62892	45.913	ng	#	67
27) 2,4-Dimethylphenol	9.928	122	75907	40.426	ng		91
28) bis(2-Chloroethoxy)met...	10.163	93	132596	36.575	ng		97
29) 2,4-Dichlorophenol	10.404	162	158212	46.914	ng		95
30) 1,2,4-Trichlorobenzene	10.621	180	204116	44.715	ng		97
31) Naphthalene	10.809	128	354451	40.871	ng	#	95
32) Benzoic acid	10.051	122	72686	42.557	ng	#	78
33) 4-Chloroaniline	10.915	127	139495	42.273	ng		98
34) Hexachlorobutadiene	11.097	225	202756	48.530	ng		91
35) Caprolactam	11.697	113	38997	45.521	ng		95
36) 4-Chloro-3-methylphenol	12.037	107	139715	45.553	ng		99
37) 2-Methylnaphthalene	12.419	142	300523	44.182	ng		95
38) 1-Methylnaphthalene	12.637	142	298374m	44.408	ng		
40) 1,2,4,5-Tetrachloroben...	12.784	216	358433	42.228	ng		100
41) Hexachlorocyclopentadiene	12.766	237	145840	41.586	ng		93
43) 2,4,6-Trichlorophenol	13.024	196	206801	43.453	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	222330	42.949	ng	#	99
46) 1,1'-Biphenyl	13.430	154	489784	40.563	ng		96
47) 2-Chloronaphthalene	13.471	162	416317	39.813	ng		99
48) 2-Nitroaniline	13.671	65	116320	51.531	ng		84
49) Acenaphthylene	14.317	152	575488	40.233	ng		98
50) Dimethylphthalate	14.047	163	543128	42.976	ng		98
51) 2,6-Dinitrotoluene	14.164	165	121167	46.284	ng	#	88
52) Acenaphthene	14.658	154	419595m	42.615	ng		
53) 3-Nitroaniline	14.493	138	88023	42.078	ng		100
54) 2,4-Dinitrophenol	14.699	184	95699	49.616	ng	#	86
55) Dibenzofuran	14.993	168	680757	42.478	ng		98
56) 4-Nitrophenol	14.799	139	75928	43.186	ng	#	75
57) 2,4-Dinitrotoluene	14.952	165	179593	48.802	ng		96
58) Fluorene	15.645	166	590986	43.732	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.216	232	252255	46.814	ng	#	97
60) Diethylphthalate	15.410	149	500703	43.060	ng		96
61) 4-Chlorophenyl-phenyle...	15.639	204	439519	45.159	ng		98
62) 4-Nitroaniline	15.663	138	102368	44.939	ng	#	70
63) Azobenzene	15.933	77	424154	36.997	ng		86
65) 4,6-Dinitro-2-methylph...	15.715	198	155960	50.063	ng		88
66) n-Nitrosodiphenylamine	15.851	169	537569	44.288	ng		96
67) 4-Bromophenyl-phenylether	16.532	248	318071	45.372	ng		96
68) Hexachlorobenzene	16.644	284	356766	43.533	ng		97
69) Atrazine	16.796	200	178123	43.439	ng		98
70) Pentachlorophenol	16.984	266	243718	45.906	ng		99
71) Phenanthrene	17.384	178	998053	41.471	ng		97
72) Anthracene	17.478	178	1018860	42.106	ng		97
73) Carbazole	17.742	167	825186	40.131	ng		99
74) Di-n-butylphthalate	18.306	149	756776	40.344	ng		98
75) Fluoranthene	19.399	202	1427071	40.635	ng		96
77) Benzidine	19.581	184	422962	54.737	ng		98
78) Pyrene	19.764	202	1454648	39.889	ng		99
80) Butylbenzylphthalate	20.657	149	295490	45.117	ng		90
81) Benzo(a)anthracene	21.597	228	1665334	41.211	ng		98
82) 3,3'-Dichlorobenzidine	21.514	252	583422	43.876	ng		96
83) Chrysene	21.661	228	1555132	40.620	ng		98
84) Bis(2-ethylhexyl)phtha...	21.509	149	436882	44.009	ng		98
85) Di-n-octyl phthalate	22.713	149	689635	40.161	ng	#	91
87) Indeno(1,2,3-cd)pyrene	28.442	276	1809299	38.990	ng	#	97
88) Benzo(b)fluoranthene	23.794	252	1653788	41.183	ng		98
89) Benzo(k)fluoranthene	23.859	252	1576446	40.472	ng		98
90) Benzo(a)pyrene	24.658	252	1412885	39.712	ng		97
91) Dibenzo(a,h)anthracene	28.512	278	1566690	40.374	ng	#	97
92) Benzo(g,h,i)perylene	29.593	276	1500928	38.886	ng	#	93

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

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