Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062321\
Data File : BG049058.D
Acq On : 23 Jun 2021 12:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:11 AM

Quant Time: Jun 23 14:09:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 12:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.109	152	34853	20.000	ng		0.00
21) Naphthalene-d8	10.935	136	133950	20.000	ng	#	0.00
39) Acenaphthene-d10	14.754	164	92204	20.000	ng		0.00
64) Phenanthrene-d10	17.504	188	210022	20.000	ng	#	0.00
76) Chrysene-d12	21.793	240	205520	20.000	ng		0.00
86) Perylene-d12	25.119	264	221850	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.665	112	187935	83.939	ng		0.00
7) Phenol-d6	7.263	99	259333	77.281	ng		0.00
23) Nitrobenzene-d5	9.284	82	270236	86.992	ng		0.00
42) 2,4,6-Tribromophenol	16.241	330	133680	97.858	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	586888	89.917	ng		0.00
79) Terphenyl-d14	20.107	244	1020670	90.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.544	88	42122	38.537	ng	#	77
3) Pyridine	3.949	79	113348	38.227	ng		93
4) n-Nitrosodimethylamine	3.861	42	61302	43.172	ng	#	72
6) Aniline	7.428	93	152468	36.079	ng	#	90
8) 2-Chlorophenol	7.674	128	98117	39.759	ng		89
9) Benzaldehyde	7.245	77	74721	43.032	ng		91
10) Phenol	7.292	94	129871	37.462	ng		91
11) bis(2-Chloroethyl)ether	7.522	93	95362	37.074	ng		86
12) 1,3-Dichlorobenzene	8.003	146	110460	40.069	ng		97
13) 1,4-Dichlorobenzene	8.144	146	109731	39.925	ng		96
14) 1,2-Dichlorobenzene	8.467	146	105037	39.727	ng		92
15) Benzyl Alcohol	8.350	79	116867	38.027	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.644	45	156882	32.234	ng		87
17) 2-Methylphenol	8.556	107	86732	38.149	ng		96
18) Hexachloroethane	9.208	117	44392	40.262	ng		95
19) n-Nitroso-di-n-propyla...	8.920	70	92001	35.074	ng	#	98
20) 3+4-Methylphenols	8.879	107	123920	39.867	ng		96
22) Acetophenone	8.938	105	172401	42.304	ng	#	96
24) Nitrobenzene	9.325	77	141723	40.501	ng		98
25) Isophorone	9.848	82	247142	36.518	ng		99
26) 2-Nitrophenol	10.036	139	58943	49.658	ng		97
27) 2,4-Dimethylphenol	10.095	122	84285	39.165	ng		93
28) bis(2-Chloroethoxy)met...	10.330	93	119593	38.163	ng		94
29) 2,4-Dichlorophenol	10.577	162	103356	42.808	ng		97
30) 1,2,4-Trichlorobenzene	10.794	180	119020	42.997	ng		94
31) Naphthalene	10.982	128	319710	40.064	ng		99
32) Benzoic acid	10.236	122	71762	51.052	ng	#	68
33) 4-Chloroaniline	11.088	127	133376	39.364	ng		96
34) Hexachlorobutadiene	11.270	225	87915	44.561	ng		95
35) Caprolactam	11.869	113	32244	46.200	ng	#	67
36) 4-Chloro-3-methylphenol	12.204	107	116839	39.592	ng	#	95
37) 2-Methylnaphthalene	12.586	142	239399	39.718	ng		96
38) 1-Methylnaphthalene	12.804	142	228607	40.398	ng		96
40) 1,2,4,5-Tetrachloroben...	12.950	216	141360	48.281	ng		98
41) Hexachlorocyclopentadiene	12.933	237	89170	47.376	ng		96
43) 2,4,6-Trichlorophenol	13.185	196	97649	49.847	ng		87

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.268	196	104089	51.385	ng		91
46) 1,1'-Biphenyl	13.585	154	296664	43.641	ng		95
47) 2-Chloronaphthalene	13.632	162	236164	43.505	ng		97
48) 2-Nitroaniline	13.832	65	90840	46.141	ng		96
49) Acenaphthylene	14.478	152	374515	41.402	ng		97
50) Dimethylphthalate	14.202	163	310356	43.212	ng		100
51) 2,6-Dinitrotoluene	14.319	165	70753	48.373	ng		95
52) Acenaphthene	14.819	154	258882	44.402	ng		93
53) 3-Nitroaniline	14.654	138	67782	45.773	ng		87
54) 2,4-Dinitrophenol	14.854	184	43798	64.645	ng		93
55) Dibenzofuran	15.154	168	372654	41.118	ng		99
56) 4-Nitrophenol	14.960	139	57869	47.934	ng	#	89
57) 2,4-Dinitrotoluene	15.107	165	103188	57.435	ng		96
58) Fluorene	15.800	166	311787	42.070	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.371	232	95239m	46.448	ng		
60) Diethylphthalate	15.565	149	322566	41.467	ng		97
61) 4-Chlorophenyl-phenyle...	15.788	204	169879	43.838	ng		97
62) 4-Nitroaniline	15.818	138	69174	46.190	ng		84
63) Azobenzene	16.082	77	329467	37.017	ng		90
65) 4,6-Dinitro-2-methylph...	15.871	198	63805	64.065	ng		89
66) n-Nitrosodiphenylamine	16.006	169	268754	41.062	ng		99
67) 4-Bromophenyl-phenylether	16.687	248	114903	43.816	ng		93
68) Hexachlorobenzene	16.805	284	129564	45.585	ng		96
69) Atrazine	16.952	200	90922	43.279	ng		96
70) Pentachlorophenol	17.151	266	80227	46.967	ng		97
71) Phenanthrene	17.545	178	487295	41.235	ng		98
72) Anthracene	17.633	178	482250	40.611	ng		98
73) Carbazole	17.903	167	472447	41.506	ng		98
74) Di-n-butylphthalate	18.462	149	544205	42.627	ng		97
75) Fluoranthene	19.549	202	620692	43.556	ng		99
77) Benzidine	19.725	184	231361	55.882	ng		98
78) Pyrene	19.913	202	623268	41.782	ng		97
80) Butylbenzylphthalate	20.794	149	243280	43.226	ng		96
81) Benzo(a)anthracene	21.770	228	634657	43.009	ng		99
82) 3,3'-Dichlorobenzidine	21.681	252	215138	45.591	ng		98
83) Chrysene	21.840	228	609897	43.107	ng		97
84) Bis(2-ethylhexyl)phtha...	21.676	149	340862	42.489	ng		96
85) Di-n-octyl phthalate	22.921	149	581004	42.702	ng		96
87) Indeno(1,2,3-cd)pyrene	28.932	276	744531	44.593	ng		98
88) Benzo(b)fluoranthene	24.061	252	682895	43.180	ng	#	93
89) Benzo(k)fluoranthene	24.131	252	627100	41.793	ng	#	99
90) Benzo(a)pyrene	24.960	252	613046	42.466	ng	#	96
91) Dibenzo(a,h)anthracene	29.002	278	630569	45.190	ng	#	94
92) Benzo(g,h,i)perylene	30.124	276	619913	44.057	ng		97

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

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