Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061121\
Data File : BG048910.D
Acq On : 11 Jun 2021 14:34
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 15:21:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 13:47:28 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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6/14/2021 5:48:04 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.125	152	41485	20.000	ng		0.00
21) Naphthalene-d8	10.951	136	152701	20.000	ng	#	0.00
39) Acenaphthene-d10	14.770	164	111576	20.000	ng		0.00
64) Phenanthrene-d10	17.520	188	244550	20.000	ng	#	0.00
76) Chrysene-d12	21.815	240	234130	20.000	ng		0.00
86) Perylene-d12	25.158	264	246093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	412332	166.236	ng		0.00
7) Phenol-d6	7.273	99	626075	178.446	ng		0.00
23) Nitrobenzene-d5	9.300	82	629662	184.610	ng		0.00
42) 2,4,6-Tribromophenol	16.262	330	294759	197.031	ng		0.00
45) 2-Fluorobiphenyl	13.395	172	1280284	165.707	ng		0.00
79) Terphenyl-d14	20.128	244	1988596	146.185	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.548	88	97228	100.043	ng	#	80
3) Pyridine	3.959	79	285766m	112.806	ng		
4) n-Nitrosodimethylamine	3.865	42	147446	76.236	ng	#	69
6) Aniline	7.449	93	397570	100.962	ng	#	91
8) 2-Chlorophenol	7.684	128	224965	85.494	ng		83
9) Benzaldehyde	7.261	77	145446	62.564	ng		92
10) Phenol	7.296	94	323995	93.914	ng		89
11) bis(2-Chloroethyl)ether	7.543	93	238071	102.393	ng	#	81
12) 1,3-Dichlorobenzene	8.013	146	254494	84.117	ng		96
13) 1,4-Dichlorobenzene	8.160	146	255735	82.946	ng		97
14) 1,2-Dichlorobenzene	8.483	146	242595	85.277	ng		95
15) Benzyl Alcohol	8.366	79	295417	95.555	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.654	45	447643	177.606	ng		82
17) 2-Methylphenol	8.560	107	210783	95.702	ng		97
18) Hexachloroethane	9.224	117	102915	84.980	ng		98
19) n-Nitroso-di-n-propyla...	8.947	70	239892	101.346	ng	#	96
20) 3+4-Methylphenols	8.895	107	292060	96.109	ng		96
22) Acetophenone	8.953	105	393886	99.102	ng	#	97
24) Nitrobenzene	9.341	77	351987	103.461	ng		98
25) Isophorone	9.876	82	646645	107.212	ng		98
26) 2-Nitrophenol	10.058	139	128859	87.510	ng		96
27) 2,4-Dimethylphenol	10.105	122	211926	93.619	ng		99
28) bis(2-Chloroethoxy)met...	10.352	93	304141	115.741	ng		93
29) 2,4-Dichlorophenol	10.587	162	236292	92.557	ng		94
30) 1,2,4-Trichlorobenzene	10.810	180	267838	90.473	ng		94
31) Naphthalene	11.004	128	759863	96.978	ng		99
33) 4-Chloroaniline	11.104	127	328047	100.619	ng		97
34) Hexachlorobutadiene	11.292	225	192776	87.717	ng		97
35) Caprolactam	11.909	113	72235m	83.268	ng		
36) 4-Chloro-3-methylphenol	12.220	107	282829	97.821	ng	#	92
37) 2-Methylnaphthalene	12.602	142	576174	92.020	ng		96
38) 1-Methylnaphthalene	12.825	142	540864	92.841	ng		94
40) 1,2,4,5-Tetrachloroben...	12.966	216	303053	83.449	ng		98
41) Hexachlorocyclopentadiene	12.949	237	201705	118.802	ng		87
43) 2,4,6-Trichlorophenol	13.201	196	207634	85.666	ng		92
44) 2,4,5-Trichlorophenol	13.272	196	209145	81.257	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.607	154	687276	83.390	ng		95
47) 2-Chloronaphthalene	13.654	162	548650	87.148	ng		97
48) 2-Nitroaniline	13.848	65	223937	98.990	ng		95
49) Acenaphthylene	14.494	152	894952	91.118	ng		97
50) Dimethylphthalate	14.229	163	722960	86.380	ng		99
51) 2,6-Dinitrotoluene	14.341	165	163132	84.486	ng		97
52) Acenaphthene	14.835	154	606760	97.282	ng		94
53) 3-Nitroaniline	14.670	138	166448	89.793	ng	#	84
55) Dibenzofuran	15.170	168	900343	87.202	ng		97
56) 4-Nitrophenol	14.964	139	133821	97.443	ng	#	85
58) Fluorene	15.822	166	727630	85.811	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.393	232	216726	91.004	ng	#	100
60) Diethylphthalate	15.587	149	767334	88.622	ng		98
61) 4-Chlorophenyl-phenyle...	15.810	204	394934	84.693	ng		94
62) 4-Nitroaniline	15.839	138	164406	82.956	ng	#	80
63) Azobenzene	16.104	77	861036	98.747	ng		88
66) n-Nitrosodiphenylamine	16.021	169	652538	94.407	ng		97
67) 4-Bromophenyl-phenylether	16.709	248	266927	94.834	ng		96
68) Hexachlorobenzene	16.826	284	289733	101.626	ng		98
69) Atrazine	16.973	200	194964	67.832	ng		97
70) Pentachlorophenol	17.161	266	187196	123.220	ng		96
71) Phenanthrene	17.567	178	1139615	89.786	ng		98
72) Anthracene	17.655	178	1137083	90.536	ng		96
73) Carbazole	17.919	167	1104963	91.849	ng		96
74) Di-n-butylphthalate	18.483	149	1243059	92.169	ng		97
75) Fluoranthene	19.570	202	1363460	84.942	ng		94
77) Benzidine	19.747	184	394433	62.036	ng		99
78) Pyrene	19.929	202	1367764m	84.439	ng		
80) Butylbenzylphthalate	20.816	149	556803	87.907	ng		95
81) Benzo(a)anthracene	21.797	228	1400899	87.560	ng		97
82) 3,3'-Dichlorobenzidine	21.709	252	474003	86.394	ng		99
83) Chrysene	21.868	228	1341265	88.007	ng		93
84) Bis(2-ethylhexyl)phtha...	21.709	149	774920	87.391	ng		98
85) Di-n-octyl phthalate	22.972	149	1332326	88.258	ng	#	94
87) Indeno(1,2,3-cd)pyrene	29.006	276	1634966	90.458	ng	#	92
88) Benzo(b)fluoranthene	24.100	252	1475717	88.391	ng	#	93
89) Benzo(k)fluoranthene	24.177	252	1395664	88.894	ng	#	97
90) Benzo(a)pyrene	25.011	252	1362065	88.558	ng	#	95
91) Dibenzo(a,h)anthracene	29.089	278	1362788	87.910	ng	#	94
92) Benzo(g,h,i)perylene	30.217	276	1364701	89.173	ng	#	94

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

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