Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126201.D
Acq On : 15 Dec 2021 19:27
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Quant Time: Dec 16 11:47:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 11:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	263976	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	1048945	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	477284	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	720570	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	328051	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	365524	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2186978	122.005	ng		0.00
7) Phenol-d6	6.457	99	2815261	123.691	ng		0.01
23) Nitrobenzene-d5	7.392	82	2561959	132.279	ng		0.01
42) 2,4,6-Tribromophenol	10.651	330	494857	129.014	ng		0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	12.927	244	2340250	123.994	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.552	88	591879	67.644	ng	#	100
3) Pyridine	3.287	79	1653944	71.178	ng	#	79
4) n-Nitrosodimethylamine	3.257	42	641005	71.777	ng	#	5
6) Aniline	6.493	93	1893565	65.497	ng		97
8) 2-Chlorophenol	6.610	128	1095624	60.273	ng		87
9) Benzaldehyde	6.369	77	776530	56.538	ng		94
10) Phenol	6.469	94	1504948	58.902	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	1255601	63.314	ng		96
12) 1,3-Dichlorobenzene	6.763	146	1126631	61.442	ng		96
13) 1,4-Dichlorobenzene	6.840	146	1106783	59.771	ng		95
14) 1,2-Dichlorobenzene	6.992	146	975336m	56.968	ng		
15) Benzyl Alcohol	6.969	79	1023083	61.573	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	2143418	66.046	ng		95
17) 2-Methylphenol	7.069	107	1046976	65.748	ng		98
18) Hexachloroethane	7.334	117	461623	63.378	ng		94
19) n-Nitroso-di-n-propyla...	7.251	70	913427	65.373	ng	#	72
20) 3+4-Methylphenols	7.234	107	1087097	57.746	ng	#	85
22) Acetophenone	7.240	105	1467486	60.788	ng	#	95
24) Nitrobenzene	7.410	77	1260111	65.174	ng		91
25) Isophorone	7.651	82	2589668	70.806	ng	#	88
26) 2-Nitrophenol	7.722	139	622099	71.375	ng	#	83
27) 2,4-Dimethylphenol	7.757	122	978759m	66.071	ng		
28) bis(2-Chloroethoxy)met...	7.857	93	1582329	65.803	ng	#	97
29) 2,4-Dichlorophenol	7.963	162	876676	66.631	ng		94
30) 1,2,4-Trichlorobenzene	8.045	180	860093	63.199	ng		98
31) Naphthalene	8.128	128	2927014	59.669	ng		98
32) Benzoic acid	7.910	122	1007060m	79.013	ng		
33) 4-Chloroaniline	8.175	127	1298002	63.372	ng	#	94
34) Hexachlorobutadiene	8.245	225	424690	63.538	ng		99
35) Caprolactam	8.563	113	238951m	73.086	ng		
36) 4-Chloro-3-methylphenol	8.651	107	1052936	67.843	ng		87
37) 2-Methylnaphthalene	8.816	142	1822753	60.337	ng		99
38) 1-Methylnaphthalene	8.916	142	1794312	61.203	ng		96
40) 1,2,4,5-Tetrachloroben...	8.986	216	633112	61.460	ng	#	96
41) Hexachlorocyclopentadiene	8.975	237	392342	66.511	ng		95
43) 2,4,6-Trichlorophenol	9.092	196	525439	64.842	ng		93

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44) 2,4,5-Trichlorophenol	9.128	196	553655	65.978	ng	#	91
46) 1,1'-Biphenyl	9.286	154	2082723	59.016	ng		95
47) 2-Chloronaphthalene	9.310	162	1625450	61.217	ng		96
48) 2-Nitroaniline	9.398	65	698269	72.049	ng		87
49) Acenaphthylene	9.722	152	2425993	59.794	ng	#	95
50) Dimethylphthalate	9.592	163	1925281	63.680	ng		97
51) 2,6-Dinitrotoluene	9.645	165	442207	67.575	ng	#	78
52) Acenaphthene	9.898	154	1629814	61.943	ng		100
53) 3-Nitroaniline	9.816	138	556761	66.939	ng	#	72
54) 2,4-Dinitrophenol	9.916	184	228011	84.622	ng	#	80
55) Dibenzofuran	10.069	168	2122477	59.249	ng		99
56) 4-Nitrophenol	9.963	139	448483	74.648	ng	#	74
57) 2,4-Dinitrotoluene	10.045	165	562125	67.340	ng	#	88
59) 2,3,4,6-Tetrachlorophenol	10.181	232	396155	63.670	ng	#	98
60) Diethylphthalate	10.286	149	1847538	60.808	ng		98
62) 4-Nitroaniline	10.433	138	500556	71.741	ng	#	77
63) Azobenzene	10.563	77	2262206	61.471	ng		87
65) 4,6-Dinitro-2-methylph...	10.457	198	299467	76.108	ng		93
66) n-Nitrosodiphenylamine	10.522	169	1449318	62.672	ng		97
67) 4-Bromophenyl-phenylether	10.892	248	427078	63.152	ng		94
68) Hexachlorobenzene	10.957	284	495239	63.673	ng	#	86
69) Atrazine	11.045	200	240579	56.768	ng		96
70) Pentachlorophenol	11.139	266	300402	69.619	ng		91
71) Phenanthrene	11.369	178	2191837	58.935	ng		96
72) Anthracene	11.422	178	2184457	58.519	ng		97
73) Carbazole	11.569	167	2107560	59.952	ng		99
74) Di-n-butylphthalate	11.910	149	2567505	57.613	ng		98
75) Fluoranthene	12.551	202	1977673	59.021	ng		90
78) Pyrene	12.780	202	1961968	65.098	ng		94
80) Butylbenzylphthalate	13.404	149	957878	67.539	ng	#	83
81) Benzo(a)anthracene	13.963	228	1251439	64.401	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	601788	67.787	ng	#	98
83) Chrysene	14.004	228	1338225	66.282	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	1010917	63.786	ng		99
85) Di-n-octyl phthalate	14.574	149	2065014	73.092	ng		99
87) Indeno(1,2,3-cd)pyrene	16.851	276	1773114	72.725	ng		94
88) Benzo(b)fluoranthene	14.998	252	1495229m	68.081	ng		
89) Benzo(k)fluoranthene	15.033	252	1336161	63.597	ng	#	95
90) Benzo(a)pyrene	15.357	252	1254571	68.730	ng	#	96
91) Dibenzo(a,h)anthracene	16.874	278	1420058	71.650	ng		96
92) Benzo(g,h,i)perylene	17.286	276	1536596	74.934	ng		93

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

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