Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
Data File : BF124788.D
Acq On : 27 Jul 2021 11:18
Operator : JU/CG
Sample : PB137900BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137900BS

Manual Integrations APPROVED
mohammad
7/28/2021 11:32:21 AM

Quant Time: Jul 27 14:42:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	8036	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	32071	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	17824	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	32336	20.000	ng		0.00
76) Chrysene-d12	14.045	240	21501	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	16316	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	58593	123.454	ng		0.03
7) Phenol-d6	6.510	99	73095	122.848	ng		0.01
23) Nitrobenzene-d5	7.440	82	40681	75.496	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	19881	129.910	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	84620	69.729	ng		0.00
79) Terphenyl-d14	12.986	244	86689	69.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	7878	47.486	ng	#	100
3) Pyridine	3.552	79	17378	44.249	ng		94
4) n-Nitrosodimethylamine	3.516	42	14912	48.013	ng	#	83
6) Aniline	6.540	93	23277	38.066	ng	#	95
8) 2-Chlorophenol	6.663	128	24720	46.178	ng		94
9) Benzaldehyde	6.428	77	11973	37.375	ng		94
10) Phenol	6.522	94	28506	50.029	ng		90
11) bis(2-Chloroethyl)ether	6.616	93	21994	48.683	ng		96
12) 1,3-Dichlorobenzene	6.816	146	26843	46.137	ng		100
13) 1,4-Dichlorobenzene	6.893	146	26993	46.375	ng		98
14) 1,2-Dichlorobenzene	7.045	146	25933	46.113	ng		95
15) Benzyl Alcohol	7.022	79	19422	49.638	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	37588	49.433	ng		95
17) 2-Methylphenol	7.128	107	19234	49.320	ng		98
18) Hexachloroethane	7.387	117	11036	50.023	ng		88
19) n-Nitroso-di-n-propyla...	7.292	70	16924	53.267	ng		95
20) 3+4-Methylphenols	7.281	107	24286	47.134	ng	#	87
22) Acetophenone	7.287	105	35104	47.234	ng		93
24) Nitrobenzene	7.457	77	25220	47.739	ng		95
25) Isophorone	7.698	82	44138	46.325	ng		95
26) 2-Nitrophenol	7.775	139	14065	48.069	ng		93
27) 2,4-Dimethylphenol	7.810	122	23442	52.066	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	29380	53.062	ng		96
29) 2,4-Dichlorophenol	8.016	162	20967	43.971	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	23765	45.473	ng		95
31) Naphthalene	8.181	128	73362	43.833	ng		98
32) Benzoic acid	7.951	122	14387	41.284	ng		88
33) 4-Chloroaniline	8.228	127	13885	22.062	ng		98
34) Hexachlorobutadiene	8.292	225	14688	47.017	ng		96
35) Caprolactam	8.610	113	6645m	53.617	ng		
36) 4-Chloro-3-methylphenol	8.710	107	22767	50.057	ng		93
37) 2-Methylnaphthalene	8.875	142	51047	45.647	ng		99
38) 1-Methylnaphthalene	8.975	142	45465	42.915	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	23043	46.335	ng	#	94
41) Hexachlorocyclopentadiene	9.022	237	33203	112.847	ng		94
43) 2,4,6-Trichlorophenol	9.151	196	16803	47.595	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	16058	44.298	ng		99
46) 1,1'-Biphenyl	9.339	154	59811	44.955	ng		99
47) 2-Chloronaphthalene	9.363	162	48605	46.148	ng		98
48) 2-Nitroaniline	9.457	65	13968	50.648	ng		92
49) Acenaphthylene	9.781	152	73749	45.405	ng		98
50) Dimethylphthalate	9.639	163	58179	47.404	ng	#	98
51) 2,6-Dinitrotoluene	9.704	165	12268	45.246	ng		95
52) Acenaphthene	9.951	154	44537	41.363	ng		98
53) 3-Nitroaniline	9.869	138	8217	28.806	ng		88
54) 2,4-Dinitrophenol	9.981	184	13787	87.935	ng		92
55) Dibenzofuran	10.122	168	67256	43.713	ng		99
56) 4-Nitrophenol	10.039	139	19854	88.138	ng		93
57) 2,4-Dinitrotoluene	10.110	165	17173	46.673	ng	#	91
58) Fluorene	10.469	166	53061	44.955	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13215	46.161	ng	#	93
60) Diethylphthalate	10.339	149	60306	47.253	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	26228	45.967	ng		95
62) 4-Nitroaniline	10.492	138	12108	42.898	ng		95
63) Azobenzene	10.616	77	53090	47.021	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	8262	39.453	ng		97
66) n-Nitrosodiphenylamine	10.581	169	45844	43.749	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	16240	47.355	ng	#	86
68) Hexachlorobenzene	11.016	284	16828	47.248	ng		91
69) Atrazine	11.110	200	15526	48.733	ng		97
70) Pentachlorophenol	11.210	266	19024	85.897	ng		94
71) Phenanthrene	11.433	178	76738	44.123	ng		98
72) Anthracene	11.480	178	79229	45.569	ng		100
73) Carbazole	11.633	167	69499	42.643	ng		99
74) Di-n-butylphthalate	11.963	149	100738	46.406	ng		98
75) Fluoranthene	12.616	202	79035	44.533	ng		97
77) Benzidine	12.739	184	37489	61.832	ng		99
78) Pyrene	12.851	202	79249	46.558	ng		99
80) Butylbenzylphthalate	13.463	149	40232	49.348	ng		98
81) Benzo(a)anthracene	14.033	228	62941	44.783	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	13431	34.434	ng		94
83) Chrysene	14.074	228	59968	44.289	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	58923	49.067	ng		99
85) Di-n-octyl phthalate	14.627	149	94855	48.676	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	40172	42.647	ng		95
88) Benzo(b)fluoranthene	15.086	252	53894	46.915	ng		97
89) Benzo(k)fluoranthene	15.121	252	46346	44.154	ng		99
90) Benzo(a)pyrene	15.463	252	44221	46.081	ng		96
91) Dibenzo(a,h)anthracene	17.021	278	34949	42.382	ng		97
92) Benzo(g,h,i)perylene	17.457	276	32250	41.242	ng	#	88

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

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