Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124595.D
Acq On : 16 Jul 2021 14:22
Operator : JU/CG
Sample : PB137738BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137738BSD

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:48 AM

Quant Time: Jul 16 14:47:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	6887	20.00	ng	0.00
21) Naphthalene-d8	8.210	136	26020	20.00	ng	0.00
39) Acenaphthene-d10	9.969	164	14902	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	26543	20.00	ng	0.00
76) Chrysene-d12	14.098	240	15765	20.00	ng	# 0.00
86) Perylene-d12	15.592	264	10945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	37197	93.58	ng	0.01
7) Phenol-d6	6.545	99	44741	92.52	ng	0.00
23) Nitrobenzene-d5	7.486	82	24489	59.41	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	11657	100.52	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	58103	56.86	ng	0.00
79) Terphenyl-d14	13.045	244	53451	56.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	4857	36.48	ng	# 100
3) Pyridine	3.598	79	10328	30.97	ng	97
4) n-Nitrosodimethylamine	3.557	42	9070	33.46	ng	# 90
6) Aniline	6.586	93	14207	27.88	ng	97
8) 2-Chlorophenol	6.710	128	15648	35.11	ng	97
9) Benzaldehyde	6.475	77	7631	26.90	ng	91
10) Phenol	6.557	94	15796	33.46	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	12892	35.22	ng	97
12) 1,3-Dichlorobenzene	6.863	146	17437	35.75	ng	98
13) 1,4-Dichlorobenzene	6.939	146	17561	35.25	ng	99
14) 1,2-Dichlorobenzene	7.092	146	16978	35.86	ng	100
15) Benzyl Alcohol	7.063	79	10945	32.71	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.198	45	23077	36.58	ng	96
17) 2-Methylphenol	7.169	107	11554	35.42	ng	99
18) Hexachloroethane	7.439	117	7046	37.56	ng	91
19) n-Nitroso-di-n-propyla...	7.333	70	9640	35.46	ng	93
20) 3+4-Methylphenols	7.322	107	15155	35.29	ng	96
22) Acetophenone	7.333	105	21662	36.68	ng	98
24) Nitrobenzene	7.504	77	13744	33.63	ng	96
25) Isophorone	7.745	82	25480	33.67	ng	98
26) 2-Nitrophenol	7.822	139	7891	35.79	ng	93
27) 2,4-Dimethylphenol	7.851	122	15019	41.11	ng	93
28) bis(2-Chloroethoxy)met...	7.951	93	16390	37.13	ng	98
29) 2,4-Dichlorophenol	8.057	162	13173	34.96	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	14790	35.47	ng	95
31) Naphthalene	8.228	128	46979	34.91	ng	96
32) Benzoic acid	7.957	122	9602	36.08	ng	94
33) 4-Chloroaniline	8.275	127	10396	20.44	ng	98
34) Hexachlorobutadiene	8.345	225	8431	35.82	ng	99
35) Caprolactam	8.639	113	3656m	38.36	ng	
36) 4-Chloro-3-methylphenol	8.751	107	12805	34.36	ng	94
37) 2-Methylnaphthalene	8.922	142	31836	35.06	ng	100
38) 1-Methylnaphthalene	9.022	142	29799	34.94	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	13994	35.21	ng	97
41) Hexachlorocyclopentadiene	9.075	237	20866	84.04	ng	94
43) 2,4,6-Trichlorophenol	9.198	196	10108	35.23	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	10235	34.58	ng		98
46) 1,1'-Biphenyl	9.386	154	37980	33.56	ng		97
47) 2-Chloronaphthalene	9.410	162	30156	33.98	ng		96
48) 2-Nitroaniline	9.504	65	8064	37.79	ng		98
49) Acenaphthylene	9.833	152	47672	34.43	ng		98
50) Dimethylphthalate	9.686	163	36065	34.79	ng		97
51) 2,6-Dinitrotoluene	9.745	165	7641	37.38	ng	#	84
52) Acenaphthene	10.004	154	33867	38.25	ng		94
53) 3-Nitroaniline	9.916	138	5267	23.09	ng	#	93
54) 2,4-Dinitrophenol	10.022	184	7702	72.22	ng		94
55) Dibenzofuran	10.174	168	43689	33.56	ng		99
56) 4-Nitrophenol	10.069	139	13350	70.33	ng		91
57) 2,4-Dinitrotoluene	10.151	165	10740	38.38	ng	#	89
58) Fluorene	10.516	166	33658	33.42	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	8081	35.36	ng	#	92
60) Diethylphthalate	10.386	149	38661	35.66	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	16076	35.17	ng		91
62) 4-Nitroaniline	10.533	138	7533	32.77	ng		96
63) Azobenzene	10.669	77	31857	33.62	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	4655	30.70	ng		94
66) n-Nitrosodiphenylamine	10.627	169	29450	34.07	ng		96
67) 4-Bromophenyl-phenylether	10.998	248	9681	35.27	ng	#	89
68) Hexachlorobenzene	11.063	284	9919	35.27	ng		96
69) Atrazine	11.151	200	9629	36.38	ng		95
70) Pentachlorophenol	11.257	266	11833	66.53	ng		97
71) Phenanthrene	11.486	178	48085	33.21	ng		97
72) Anthracene	11.533	178	50551	34.80	ng		100
73) Carbazole	11.686	167	43069	32.08	ng		100
74) Di-n-butylphthalate	12.016	149	61234	33.86	ng		98
75) Fluoranthene	12.674	202	47233	32.33	ng		97
77) Benzidine	12.792	184	20899	35.46	ng		99
78) Pyrene	12.904	202	46726	35.67	ng		97
80) Butylbenzylphthalate	13.515	149	21575	34.07	ng		99
81) Benzo(a)anthracene	14.086	228	33555	32.09	ng		100
82) 3,3'-Dichlorobenzidine	14.051	252	7196	26.28	ng	#	97
83) Chrysene	14.127	228	32905	32.85	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	28700	33.75	ng		98
85) Di-n-octyl phthalate	14.692	149	41703	33.90	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	24785	39.05	ng		97
88) Benzo(b)fluoranthene	15.151	252	27264	34.70	ng		98
89) Benzo(k)fluoranthene	15.186	252	23823	33.05	ng		99
90) Benzo(a)pyrene	15.533	252	23842	36.77	ng		99
91) Dibenzo(a,h)anthracene	17.127	278	21490	39.77	ng		95
92) Benzo(g,h,i)perylene	17.568	276	19926	37.77	ng		93

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

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