Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071621\
Data File : BF124591.D
Acq On : 16 Jul 2021 11:56
Operator : JU/CG
Sample : PB137634BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137634BSD

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:38 AM

Quant Time: Jul 16 12:24:09 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	6666	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	26458	20.00	ng		0.00
39) Acenaphthene-d10	9.969	164	14996	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	26515	20.00	ng		0.00
76) Chrysene-d12	14.098	240	14931	20.00	ng		0.00
86) Perylene-d12	15.592	264	10304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	37764	98.15	ng		0.01
7) Phenol-d6	6.546	99	43916	93.83	ng		0.00
23) Nitrobenzene-d5	7.487	82	23968	57.19	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	11675	100.05	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	58808	57.19	ng		0.00
79) Terphenyl-d14	13.039	244	53368	60.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	4597	35.65	ng	#	100
3) Pyridine	3.605	79	10850	33.62	ng		90
4) n-Nitrosodimethylamine	3.569	42	9444	36.00	ng	#	97
6) Aniline	6.587	93	14250	28.90	ng		94
8) 2-Chlorophenol	6.710	128	15485	35.90	ng		99
9) Benzaldehyde	6.475	77	7698	28.03	ng		93
10) Phenol	6.557	94	15635	34.22	ng		94
11) bis(2-Chloroethyl)ether	6.657	93	13300	37.54	ng		97
12) 1,3-Dichlorobenzene	6.863	146	16875	35.74	ng		98
13) 1,4-Dichlorobenzene	6.940	146	16894	35.04	ng		96
14) 1,2-Dichlorobenzene	7.093	146	16762	36.58	ng		99
15) Benzyl Alcohol	7.063	79	10781	33.29	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	7.198	45	23528	38.53	ng		97
17) 2-Methylphenol	7.169	107	11236	35.59	ng		94
18) Hexachloroethane	7.440	117	6807	37.49	ng		91
19) n-Nitroso-di-n-propyla...	7.334	70	9548	36.28	ng		94
20) 3+4-Methylphenols	7.322	107	15163	36.48	ng		97
22) Acetophenone	7.334	105	21128	35.19	ng		99
24) Nitrobenzene	7.504	77	13972	33.62	ng		98
25) Isophorone	7.745	82	25096	32.62	ng		99
26) 2-Nitrophenol	7.822	139	8096	36.11	ng	#	92
27) 2,4-Dimethylphenol	7.851	122	15517	41.77	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	17165	38.25	ng		98
29) 2,4-Dichlorophenol	8.057	162	12916	33.71	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	14771	34.83	ng		98
31) Naphthalene	8.228	128	47859	34.97	ng		99
32) Benzoic acid	7.963	122	9472	35.16	ng		97
33) 4-Chloroaniline	8.275	127	9563	18.49	ng		97
34) Hexachlorobutadiene	8.345	225	8753	36.57	ng		92
35) Caprolactam	8.640	113	3068m	31.66	ng		
36) 4-Chloro-3-methylphenol	8.751	107	13720	36.21	ng		94
37) 2-Methylnaphthalene	8.922	142	32624	35.33	ng		98
38) 1-Methylnaphthalene	9.022	142	29085	33.54	ng		98
40) 1,2,4,5-Tetrachloroben...	9.087	216	13695	34.24	ng	#	95
41) Hexachlorocyclopentadiene	9.075	237	21328	85.37	ng		99
43) 2,4,6-Trichlorophenol	9.198	196	10418	36.08	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	10175	34.17	ng		93
46) 1,1'-Biphenyl	9.387	154	38650	33.94	ng		99
47) 2-Chloronaphthalene	9.410	162	30525	34.18	ng		97
48) 2-Nitroaniline	9.504	65	7837	36.50	ng		96
49) Acenaphthylene	9.828	152	48074	34.50	ng		96
50) Dimethylphthalate	9.686	163	36595	35.07	ng		98
51) 2,6-Dinitrotoluene	9.745	165	7728	37.57	ng	#	81
52) Acenaphthene	10.004	154	32984	37.02	ng		95
53) 3-Nitroaniline	9.916	138	5185	22.59	ng	#	90
54) 2,4-Dinitrophenol	10.022	184	8253	76.90	ng	#	81
55) Dibenzofuran	10.175	168	43233	33.00	ng		99
56) 4-Nitrophenol	10.069	139	12851	67.27	ng		89
57) 2,4-Dinitrotoluene	10.151	165	11048	39.24	ng	#	84
58) Fluorene	10.516	166	33283	32.84	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	7983	34.71	ng	#	95
60) Diethylphthalate	10.386	149	37546	34.42	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	16498	35.87	ng		89
62) 4-Nitroaniline	10.534	138	7744	33.48	ng		85
63) Azobenzene	10.669	77	31411	32.94	ng		97
65) 4,6-Dinitro-2-methylph...	10.557	198	5023	33.16	ng		85
66) n-Nitrosodiphenylamine	10.628	169	29705	34.41	ng		95
67) 4-Bromophenyl-phenylether	10.998	248	9542	34.80	ng		88
68) Hexachlorobenzene	11.063	284	10077	35.87	ng		96
69) Atrazine	11.151	200	9352	35.37	ng		95
70) Pentachlorophenol	11.257	266	11951	67.26	ng		97
71) Phenanthrene	11.480	178	47578	32.89	ng		98
72) Anthracene	11.533	178	50011	34.46	ng		100
73) Carbazole	11.686	167	42183	31.46	ng		98
74) Di-n-butylphthalate	12.016	149	60963	33.75	ng		97
75) Fluoranthene	12.669	202	46334	31.75	ng		99
77) Benzidine	12.786	184	20582	36.87	ng		96
78) Pyrene	12.898	202	45499	36.68	ng		98
80) Butylbenzylphthalate	13.516	149	21136	35.24	ng		97
81) Benzo(a)anthracene	14.086	228	32569	32.89	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	6887	26.55	ng	#	91
83) Chrysene	14.127	228	31474	33.18	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	28691	35.63	ng		99
85) Di-n-octyl phthalate	14.686	149	39896	34.24	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	25081	41.97	ng	#	69
88) Benzo(b)fluoranthene	15.151	252	25288	34.19	ng		97
89) Benzo(k)fluoranthene	15.180	252	24722m	36.43	ng		
90) Benzo(a)pyrene	15.527	252	22924	37.55	ng		96
91) Dibenzo(a,h)anthracene	17.133	278	21652	42.57	ng		98
92) Benzo(g,h,i)perylene	17.568	276	20077	40.43	ng		93

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

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