Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
Data File : BF124571.D
Acq On : 15 Jul 2021 14:09
Operator : JU/CG
Sample : PB137634BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137634BS

Manual Integrations APPROVED
mohammad
7/16/2021 10:55:29 AM

Quant Time: Jul 15 14:59:41 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	6.928	152	6570	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	27309	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	15488	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	27268	20.000	ng	0.00
76) Chrysene-d12	14.098	240	18692	20.000	ng	0.00
86) Perylene-d12	15.592	264	13686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	38564	101.697	ng	0.02
7) Phenol-d6	6.551	99	45783	99.247	ng	0.00
23) Nitrobenzene-d5	7.486	82	32109	74.223	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	11454	95.034	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	76428	71.959	ng	0.00
79) Terphenyl-d14	13.045	244	78725	70.723	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.922	88	4965	39.134	ng	# 100
3) Pyridine	3.646	79	11051	34.739	ng	94
4) n-Nitrosodimethylamine	3.604	42	10438	40.369	ng	# 97
6) Aniline	6.592	93	14871	30.595	ng	97
8) 2-Chlorophenol	6.710	128	15796	37.156	ng	89
9) Benzaldehyde	6.475	77	7871	29.084	ng	94
10) Phenol	6.563	94	17563	38.996	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	13606	38.967	ng	98
12) 1,3-Dichlorobenzene	6.869	146	18583	39.937	ng	97
13) 1,4-Dichlorobenzene	6.945	146	18672	39.288	ng	98
14) 1,2-Dichlorobenzene	7.098	146	18155	40.197	ng	96
15) Benzyl Alcohol	7.063	79	11623	36.414	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.198	45	24601	40.877	ng	96
17) 2-Methylphenol	7.169	107	12037	38.682	ng	94
18) Hexachloroethane	7.439	117	7088	39.605	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	9668	37.277	ng	97
20) 3+4-Methylphenols	7.322	107	15889	38.782	ng	95
22) Acetophenone	7.334	105	22210	35.836	ng	95
24) Nitrobenzene	7.504	77	13956	32.535	ng	89
25) Isophorone	7.745	82	25653	32.302	ng	98
26) 2-Nitrophenol	7.822	139	8388	36.250	ng	95
27) 2,4-Dimethylphenol	7.851	122	15673	40.876	ng	92
28) bis(2-Chloroethoxy)met...	7.957	93	16974	36.642	ng	99
29) 2,4-Dichlorophenol	8.057	162	14425	36.473	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	14879	33.996	ng	92
31) Naphthalene	8.233	128	49189	34.825	ng	98
32) Benzoic acid	7.963	122	9915	35.580	ng	95
33) 4-Chloroaniline	8.275	127	10128	18.975	ng	94
34) Hexachlorobutadiene	8.345	225	8833	35.755	ng	97
35) Caprolactam	8.645	113	3581m	35.797	ng	
36) 4-Chloro-3-methylphenol	8.751	107	13654	34.913	ng	96
37) 2-Methylnaphthalene	8.922	142	33476	35.122	ng	100
38) 1-Methylnaphthalene	9.022	142	31218	34.875	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	14401	34.862	ng	96
41) Hexachlorocyclopentadiene	9.075	237	22984	89.071	ng	97
43) 2,4,6-Trichlorophenol	9.198	196	10333	34.649	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	10360	33.683	ng		94
46) 1,1'-Biphenyl	9.386	154	39822	33.854	ng		99
47) 2-Chloronaphthalene	9.416	162	31617	34.282	ng		98
48) 2-Nitroaniline	9.504	65	8010	36.117	ng		92
49) Acenaphthylene	9.833	152	50203	34.882	ng		99
50) Dimethylphthalate	9.686	163	38401	35.637	ng		99
51) 2,6-Dinitrotoluene	9.745	165	7897	37.175	ng		94
52) Acenaphthene	10.004	154	35191	38.240	ng		98
53) 3-Nitroaniline	9.916	138	5704	24.063	ng	#	98
54) 2,4-Dinitrophenol	10.022	184	8602	77.603	ng		88
55) Dibenzofuran	10.175	168	45828	33.870	ng		99
56) 4-Nitrophenol	10.069	139	13970	70.808	ng		94
57) 2,4-Dinitrotoluene	10.151	165	10637	36.576	ng	#	89
58) Fluorene	10.516	166	34613	33.072	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	7970	33.552	ng	#	99
60) Diethylphthalate	10.386	149	38742	34.386	ng		100
61) 4-Chlorophenyl-phenyle...	10.510	204	16569	34.878	ng		90
62) 4-Nitroaniline	10.533	138	8393	35.131	ng		97
63) Azobenzene	10.669	77	31546	32.031	ng		98
65) 4,6-Dinitro-2-methylph...	10.557	198	5012	32.176	ng		92
66) n-Nitrosodiphenylamine	10.627	169	30058	33.853	ng		97
67) 4-Bromophenyl-phenylether	10.998	248	9595	34.029	ng	#	84
68) Hexachlorobenzene	11.063	284	10414	36.049	ng		97
69) Atrazine	11.151	200	9878	36.326	ng		99
70) Pentachlorophenol	11.257	266	12457	68.172	ng		91
71) Phenanthrene	11.480	178	50527	33.964	ng		98
72) Anthracene	11.533	178	52613	35.253	ng		98
73) Carbazole	11.686	167	46381	33.633	ng		99
74) Di-n-butylphthalate	12.016	149	64174	34.545	ng		99
75) Fluoranthene	12.668	202	51290	34.172	ng		99
77) Benzidine	12.786	184	24865	35.583	ng		99
78) Pyrene	12.898	202	51805	33.358	ng		98
80) Butylbenzylphthalate	13.515	149	24721	32.923	ng		97
81) Benzo(a)anthracene	14.086	228	40812	32.922	ng		98
82) 3,3'-Dichlorobenzidine	14.045	252	7961	24.517	ng		93
83) Chrysene	14.127	228	39861	33.566	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	32938	32.673	ng		98
85) Di-n-octyl phthalate	14.686	149	49055	33.628	ng		100
87) Indeno(1,2,3-cd)pyrene	17.104	276	29575	37.261	ng		99
88) Benzo(b)fluoranthene	15.151	252	33468	34.070	ng		97
89) Benzo(k)fluoranthene	15.180	252	33116	36.742	ng	#	97
90) Benzo(a)pyrene	15.527	252	30206	37.251	ng		100
91) Dibenzo(a,h)anthracene	17.127	278	24386	36.095	ng		98
92) Benzo(g,h,i)perylene	17.568	276	24744	37.513	ng		96

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

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