Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
Data File : BF124572.D
Acq On : 15 Jul 2021 14:43
Operator : JU/CG
Sample : PB137634BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137634BSD

Manual Integrations APPROVED
mohammad
7/16/2021 10:55:32 AM

Quant Time: Jul 15 16:03:01 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	6528	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	27090	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	14667	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	25923	20.000	ng	#	0.00
76) Chrysene-d12	14.098	240	17938	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	14443	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	38366	101.826	ng		0.02
7) Phenol-d6	6.551	99	45873	100.082	ng		0.00
23) Nitrobenzene-d5	7.492	82	31641	73.732	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	11295	98.960	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	75371	74.936	ng		0.00
79) Terphenyl-d14	13.045	244	76987	72.069	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.910	88	4991	39.600	ng	#	100
3) Pyridine	3.634	79	10914	34.529	ng		98
4) n-Nitrosodimethylamine	3.598	42	9978	38.838	ng	#	98
6) Aniline	6.592	93	15364	31.813	ng		99
8) 2-Chlorophenol	6.710	128	16095	38.103	ng		94
9) Benzaldehyde	6.475	77	7945	29.546	ng		94
10) Phenol	6.563	94	16768	37.470	ng		98
11) bis(2-Chloroethyl)ether	6.663	93	13324	38.405	ng		97
12) 1,3-Dichlorobenzene	6.869	146	17985	38.901	ng		93
13) 1,4-Dichlorobenzene	6.945	146	18593	39.374	ng		97
14) 1,2-Dichlorobenzene	7.098	146	16754	37.333	ng		96
15) Benzyl Alcohol	7.063	79	11267	35.526	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.198	45	23416	39.159	ng		98
17) 2-Methylphenol	7.169	107	11960	38.682	ng		97
18) Hexachloroethane	7.439	117	6882	38.701	ng	#	76
19) n-Nitroso-di-n-propyla...	7.339	70	9547	37.047	ng	#	96
20) 3+4-Methylphenols	7.322	107	15922	39.113	ng		87
22) Acetophenone	7.334	105	21476	34.932	ng		95
24) Nitrobenzene	7.510	77	14241	33.467	ng		91
25) Isophorone	7.745	82	25636	32.542	ng		96
26) 2-Nitrophenol	7.822	139	8427	36.713	ng	#	90
27) 2,4-Dimethylphenol	7.857	122	15568	40.930	ng		96
28) bis(2-Chloroethoxy)met...	7.957	93	17444	37.961	ng		97
29) 2,4-Dichlorophenol	8.063	162	13436	34.247	ng		96
30) 1,2,4-Trichlorobenzene	8.151	180	15161	34.920	ng		93
31) Naphthalene	8.233	128	48876	34.883	ng		95
32) Benzoic acid	7.969	122	9276	33.857	ng		93
33) 4-Chloroaniline	8.275	127	9684	18.290	ng		99
34) Hexachlorobutadiene	8.345	225	8959	36.558	ng		98
35) Caprolactam	8.645	113	3256m	32.811	ng		
36) 4-Chloro-3-methylphenol	8.751	107	13423	34.599	ng		96
37) 2-Methylnaphthalene	8.922	142	33093	35.001	ng		99
38) 1-Methylnaphthalene	9.022	142	30693	34.566	ng		98
40) 1,2,4,5-Tetrachloroben...	9.086	216	13993	35.771	ng	#	97
41) Hexachlorocyclopentadiene	9.075	237	22488	92.027	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	10465	37.056	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	10174	34.930	ng		93
46) 1,1'-Biphenyl	9.386	154	39439	35.405	ng		99
47) 2-Chloronaphthalene	9.416	162	30733	35.189	ng		99
48) 2-Nitroaniline	9.504	65	8093	38.534	ng		96
49) Acenaphthylene	9.827	152	49694	36.461	ng		99
50) Dimethylphthalate	9.686	163	37204	36.459	ng		99
51) 2,6-Dinitrotoluene	9.745	165	7618	37.869	ng	#	83
52) Acenaphthene	10.004	154	34155	39.192	ng		97
53) 3-Nitroaniline	9.916	138	5393	24.024	ng		95
54) 2,4-Dinitrophenol	10.022	184	8003	76.241	ng		89
55) Dibenzofuran	10.175	168	44354	34.615	ng		97
56) 4-Nitrophenol	10.069	139	13264	70.993	ng		94
57) 2,4-Dinitrotoluene	10.151	165	10545	38.289	ng	#	91
58) Fluorene	10.516	166	34843	35.155	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	8120	36.097	ng	#	96
60) Diethylphthalate	10.386	149	38080	35.690	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	16473	36.617	ng		95
62) 4-Nitroaniline	10.533	138	8360	36.951	ng		86
63) Azobenzene	10.669	77	31018	33.258	ng		98
65) 4,6-Dinitro-2-methylph...	10.557	198	4886	32.995	ng		90
66) n-Nitrosodiphenylamine	10.627	169	29488	34.934	ng		98
67) 4-Bromophenyl-phenylether	10.998	248	9416	35.127	ng	#	85
68) Hexachlorobenzene	11.063	284	9797	35.673	ng		98
69) Atrazine	11.151	200	9673	37.418	ng		93
70) Pentachlorophenol	11.257	266	12489	71.893	ng		94
71) Phenanthrene	11.480	178	50306	35.570	ng		100
72) Anthracene	11.533	178	51862	36.553	ng		99
73) Carbazole	11.686	167	46395	35.388	ng		99
74) Di-n-butylphthalate	12.016	149	64070	36.278	ng		98
75) Fluoranthene	12.668	202	51181	35.869	ng		97
77) Benzidine	12.786	184	24760	36.923	ng		98
78) Pyrene	12.898	202	50977	34.205	ng		99
80) Butylbenzylphthalate	13.515	149	24839	34.470	ng		98
81) Benzo(a)anthracene	14.086	228	41109	34.555	ng		96
82) 3,3'-Dichlorobenzidine	14.051	252	7997	25.663	ng		93
83) Chrysene	14.127	228	39769	34.896	ng		97
84) Bis(2-ethylhexyl)phtha...	14.074	149	33365	34.487	ng		98
85) Di-n-octyl phthalate	14.692	149	51794	36.998	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	29948	35.753	ng		96
88) Benzo(b)fluoranthene	15.151	252	33340	32.161	ng		99
89) Benzo(k)fluoranthene	15.180	252	32628	34.303	ng	#	94
90) Benzo(a)pyrene	15.527	252	30189	35.279	ng		99
91) Dibenzo(a,h)anthracene	17.127	278	25357	35.565	ng		99
92) Benzo(g,h,i)perylene	17.568	276	25324	36.380	ng	#	92

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

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