Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124540.D
Acq On : 7 Jul 2021 21:16
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/8/2021 12:39:45 PM

Quant Time: Jul 08 04:22:48 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 04:18:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.933	152	7164	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	25033	20.000	ng	0.00
39) Acenaphthene-d10	9.974	164	13507	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	23784	20.000	ng	0.00
76) Chrysene-d12	14.104	240	13863	20.000	ng	0.00
86) Perylene-d12	15.592	264	10943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	59888	131.470	ng	0.01
7) Phenol-d6	6.569	99	74524	125.297	ng	0.02
23) Nitrobenzene-d5	7.504	82	63975	105.963	ng	0.01
42) 2,4,6-Tribromophenol	10.769	330	16654	103.202	ng	0.01
45) 2-Fluorobiphenyl	9.298	172	139215	126.258	ng	0.01
79) Terphenyl-d14	13.051	244	138495	149.633	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	10957	55.937	ng	# 100
3) Pyridine	3.569	79	27054	62.984	ng	92
4) n-Nitrosodimethylamine	3.557	42	21363	92.188	ng	# 99
6) Aniline	6.610	93	39129	58.887	ng	98
8) 2-Chlorophenol	6.722	128	34713	68.569	ng	98
10) Phenol	6.581	94	36848	57.296	ng	92
11) bis(2-Chloroethyl)ether	6.675	93	28241	60.719	ng	95
12) 1,3-Dichlorobenzene	6.875	146	36570	59.475	ng	98
13) 1,4-Dichlorobenzene	6.951	146	37192	59.652	ng	98
14) 1,2-Dichlorobenzene	7.110	146	34633	58.983	ng	97
15) Benzyl Alcohol	7.081	79	26009	50.980	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.204	45	48622	81.490	ng	99
17) 2-Methylphenol	7.175	107	24731	61.049	ng	97
18) Hexachloroethane	7.445	117	14626	64.388	ng	93
19) n-Nitroso-di-n-propyla...	7.363	70	21045	52.614	ng	99
20) 3+4-Methylphenols	7.339	107	31862	60.256	ng	95
22) Acetophenone	7.351	105	43435	62.330	ng	# 96
24) Nitrobenzene	7.522	77	31212	51.748	ng	95
25) Isophorone	7.763	82	57897	55.777	ng	98
26) 2-Nitrophenol	7.833	139	18212	62.076	ng	92
27) 2,4-Dimethylphenol	7.863	122	27433	70.153	ng	93
28) bis(2-Chloroethoxy)met...	7.969	93	33051	62.818	ng	99
29) 2,4-Dichlorophenol	8.069	162	29107	62.704	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	31188	59.243	ng	99
31) Naphthalene	8.239	128	100773	68.424	ng	99
32) Benzoic acid	8.028	122	22790	112.465	ng	94
33) 4-Chloroaniline	8.286	127	36917	66.738	ng	95
34) Hexachlorobutadiene	8.351	225	17870	50.772	ng	96
35) Caprolactam	8.698	113	8498m	69.859	ng	
36) 4-Chloro-3-methylphenol	8.769	107	28090	59.911	ng	95
37) 2-Methylnaphthalene	8.933	142	68070	65.313	ng	98
38) 1-Methylnaphthalene	9.033	142	63639	65.649	ng	97
40) 1,2,4,5-Tetrachloroben...	9.092	216	28636	58.993	ng	97
41) Hexachlorocyclopentadiene	9.080	237	17426	462.656	ng	97
43) 2,4,6-Trichlorophenol	9.204	196	21005	68.955	ng	98
44) 2,4,5-Trichlorophenol	9.245	196	21575	67.125	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.398	154	77963	67.912	ng		99
47) 2-Chloronaphthalene	9.422	162	62794	66.871	ng		99
48) 2-Nitroaniline	9.516	65	16299	52.763	ng		99
49) Acenaphthylene	9.839	152	96971	71.440	ng		99
50) Dimethylphthalate	9.710	163	73503	69.022	ng		99
51) 2,6-Dinitrotoluene	9.763	165	15565	63.274	ng	#	87
52) Acenaphthene	10.016	154	62956	73.044	ng		98
53) 3-Nitroaniline	9.933	138	17486	80.302	ng		92
54) 2,4-Dinitrophenol	10.033	184	8595	116.436	ng		90
55) Dibenzofuran	10.186	168	89362	65.051	ng		96
56) 4-Nitrophenol	10.086	139	14358	125.692	ng		98
57) 2,4-Dinitrotoluene	10.169	165	21299	65.321	ng	#	94
58) Fluorene	10.527	166	67290	63.749	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	16688	70.993	ng	#	99
60) Diethylphthalate	10.398	149	75522	71.270	ng		97
61) 4-Chlorophenyl-phenyle...	10.516	204	31279	59.796	ng		97
62) 4-Nitroaniline	10.563	138	16926	80.790	ng		88
63) Azobenzene	10.680	77	66961	63.482	ng		97
65) 4,6-Dinitro-2-methylph...	10.580	198	11529	67.625	ng	#	78
66) n-Nitrosodiphenylamine	10.639	169	60080	65.847	ng		96
67) 4-Bromophenyl-phenylether	11.010	248	18715	58.490	ng		93
68) Hexachlorobenzene	11.074	284	19305	55.531	ng		92
69) Atrazine	11.168	200	17512	74.394	ng		94
70) Pentachlorophenol	11.263	266	12824	176.666	ng		94
71) Phenanthrene	11.492	178	97456	65.001	ng		99
72) Anthracene	11.545	178	98683	66.059	ng		99
73) Carbazole	11.692	167	91774	70.490	ng		99
74) Di-n-butylphthalate	12.021	149	122185	78.812	ng		99
75) Fluoranthene	12.680	202	97080	64.344	ng		98
77) Benzidine	12.792	184	34971	125.872	ng		98
78) Pyrene	12.910	202	95700	75.627	ng		100
80) Butylbenzylphthalate	13.521	149	45751	91.049	ng		100
81) Benzo(a)anthracene	14.092	228	72243	72.281	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	17133	53.502	ng		99
83) Chrysene	14.133	228	68483	69.141	ng		100
84) Bis(2-ethylhexyl)phtha...	14.080	149	61046	90.675	ng		99
85) Di-n-octyl phthalate	14.698	149	86079	82.096	ng		100
87) Indeno(1,2,3-cd)pyrene	17.127	276	57110	66.178	ng		98
88) Benzo(b)fluoranthene	15.162	252	59451m	71.693	ng		
89) Benzo(k)fluoranthene	15.192	252	50990m	67.211	ng		
90) Benzo(a)pyrene	15.539	252	50533	68.576	ng		96
91) Dibenzo(a,h)anthracene	17.150	278	48392	65.100	ng		98
92) Benzo(g,h,i)perylene	17.597	276	47371	64.763	ng		97

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

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