Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124541.D
Acq On : 7 Jul 2021 21:50
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF070721

Manual Integrations APPROVED
mohammad
7/8/2021 12:39:51 PM

Quant Time: Jul 08 07:56:54 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	6592	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	24896	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	13466	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	23444	20.000	ng	0.00
76) Chrysene-d12	14.098	240	16113	20.000	ng	0.00
86) Perylene-d12	15.592	264	11260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	30576	80.363	ng	0.00
7) Phenol-d6	6.551	99	37336	80.666	ng	0.00
23) Nitrobenzene-d5	7.492	82	32084	81.353	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	8803	84.006	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	73653	79.759	ng	0.00
79) Terphenyl-d14	13.045	244	76346	79.564	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.798	88	5498	43.259	ng	# 100
3) Pyridine	3.551	79	13246	41.499	ng	91
4) n-Nitrosodimethylamine	3.516	42	10385	40.030	ng	# 97
6) Aniline	6.598	93	19062	39.087	ng	99
8) 2-Chlorophenol	6.710	128	17362	40.703	ng	95
9) Benzaldehyde	6.481	77	10058	37.041	ng	91
10) Phenol	6.563	94	18252	40.391	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	14483	41.340	ng	97
12) 1,3-Dichlorobenzene	6.869	146	18370	39.348	ng	97
13) 1,4-Dichlorobenzene	6.945	146	19237	40.342	ng	94
14) 1,2-Dichlorobenzene	7.098	146	18308	40.400	ng	97
15) Benzyl Alcohol	7.069	79	13033	40.695	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.204	45	24178	40.040	ng	99
17) 2-Methylphenol	7.169	107	12427	39.802	ng	95
18) Hexachloroethane	7.439	117	7449	41.483	ng	98
19) n-Nitroso-di-n-propyla...	7.345	70	10425	40.062	ng	99
20) 3+4-Methylphenols	7.328	107	16618	40.426	ng	92
22) Acetophenone	7.339	105	22210	39.309	ng	97
24) Nitrobenzene	7.510	77	15471	39.562	ng	98
25) Isophorone	7.751	82	28363	39.176	ng	97
26) 2-Nitrophenol	7.828	139	8963	42.489	ng	97
27) 2,4-Dimethylphenol	7.857	122	14185	40.581	ng	96
28) bis(2-Chloroethoxy)met...	7.957	93	16500	39.071	ng	96
29) 2,4-Dichlorophenol	8.063	162	14554	40.366	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	15390	38.571	ng	98
31) Naphthalene	8.233	128	51341	39.871	ng	98
32) Benzoic acid	7.975	122	10471m	40.381	ng	
33) 4-Chloroaniline	8.275	127	19314	39.692	ng	98
34) Hexachlorobutadiene	8.351	225	8916	39.589	ng	96
35) Caprolactam	8.651	113	3431	37.622	ng	95
36) 4-Chloro-3-methylphenol	8.751	107	14838	41.617	ng	96
37) 2-Methylnaphthalene	8.922	142	34319	39.497	ng	98
38) 1-Methylnaphthalene	9.022	142	32201	39.460	ng	98
40) 1,2,4,5-Tetrachloroben...	9.086	216	14685	40.888	ng	97
41) Hexachlorocyclopentadiene	9.075	237	8912	39.723	ng	93
43) 2,4,6-Trichlorophenol	9.198	196	10846	41.830	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	11112	41.553	ng		96
46) 1,1'-Biphenyl	9.392	154	40401	39.503	ng		99
47) 2-Chloronaphthalene	9.416	162	31901	39.784	ng		98
48) 2-Nitroaniline	9.504	65	8797	45.621	ng		93
49) Acenaphthylene	9.833	152	49435	39.506	ng		98
50) Dimethylphthalate	9.692	163	38337	40.920	ng		98
51) 2,6-Dinitrotoluene	9.751	165	8205	44.425	ng		96
52) Acenaphthene	10.004	154	32849	41.055	ng		98
53) 3-Nitroaniline	9.922	138	8617	41.810	ng		96
54) 2,4-Dinitrophenol	10.022	184	4214	43.725	ng	#	80
55) Dibenzofuran	10.174	168	46243	39.308	ng		98
56) 4-Nitrophenol	10.063	139	7518	43.828	ng		91
57) 2,4-Dinitrotoluene	10.151	165	11130	44.018	ng		98
58) Fluorene	10.522	166	34891	38.344	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	8598	41.631	ng	#	100
60) Diethylphthalate	10.392	149	39250	40.068	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	17100	41.401	ng		94
62) 4-Nitroaniline	10.539	138	8416	40.516	ng		91
63) Azobenzene	10.669	77	35071	40.958	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	5678	42.397	ng		85
66) n-Nitrosodiphenylamine	10.627	169	31191	40.859	ng		96
67) 4-Bromophenyl-phenylether	11.004	248	9932	40.970	ng		96
68) Hexachlorobenzene	11.063	284	10005	40.282	ng		94
69) Atrazine	11.157	200	9459	40.459	ng		99
70) Pentachlorophenol	11.251	266	6832	43.487	ng		97
71) Phenanthrene	11.486	178	51725	40.441	ng		99
72) Anthracene	11.533	178	51765	40.342	ng		99
73) Carbazole	11.686	167	47681	40.215	ng		99
74) Di-n-butylphthalate	12.016	149	65013	40.705	ng		99
75) Fluoranthene	12.674	202	51771	40.119	ng		97
77) Benzidine	12.792	184	22183	36.826	ng	#	95
78) Pyrene	12.904	202	52798	39.439	ng		99
80) Butylbenzylphthalate	13.515	149	25782	39.831	ng		98
81) Benzo(a)anthracene	14.086	228	42121	39.416	ng		99
82) 3,3'-Dichlorobenzidine	14.051	252	11428	40.827	ng		94
83) Chrysene	14.127	228	41001	40.052	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	35232	40.542	ng		98
85) Di-n-octyl phthalate	14.692	149	49911	39.691	ng		100
87) Indeno(1,2,3-cd)pyrene	17.109	276	28140	43.091	ng		99
88) Benzo(b)fluoranthene	15.151	252	33683	41.676	ng		94
89) Benzo(k)fluoranthene	15.186	252	28538	38.484	ng		98
90) Benzo(a)pyrene	15.527	252	26796	40.165	ng		98
91) Dibenzo(a,h)anthracene	17.133	278	23724	42.681	ng		97
92) Benzo(g,h,i)perylene	17.568	276	23279	42.896	ng	#	90

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

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