Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100721\
Data File : BF125772.D
Acq On : 7 Oct 2021 16:53
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100721

Manual Integrations APPROVED
mohammad
10/11/2021 2:08:05 PM

Quant Time: Oct 07 17:24:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	270263	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1066256	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	565044	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	929712	20.00	ng		# 0.00
76) Chrysene-d12	13.998	240	516763	20.00	ng		0.00
86) Perylene-d12	15.445	264	403680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1248649	75.48	ng		0.00
7) Phenol-d6	6.475	99	1633869	76.72	ng		0.00
23) Nitrobenzene-d5	7.410	82	1354846	78.98	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	454396	81.45	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2547924	77.78	ng		0.00
79) Terphenyl-d14	12.945	244	2438607	71.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	267790	38.02	ng	#	100
3) Pyridine	3.351	79	714042	39.18	ng	#	73
4) n-Nitrosodimethylamine	3.310	42	256713	39.13	ng	#	1
6) Aniline	6.510	93	968758	39.51	ng		95
8) 2-Chlorophenol	6.633	128	707089	39.02	ng		96
9) Benzaldehyde	6.392	77	464382	40.18	ng		93
10) Phenol	6.486	94	797293m	38.50	ng		
11) bis(2-Chloroethyl)ether	6.581	93	649635	38.71	ng		98
12) 1,3-Dichlorobenzene	6.786	146	765524	38.73	ng		97
13) 1,4-Dichlorobenzene	6.863	146	778087	38.60	ng		98
14) 1,2-Dichlorobenzene	7.016	146	732884	38.82	ng		99
15) Benzyl Alcohol	6.986	79	562933	39.88	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	832545	38.79	ng		87
17) 2-Methylphenol	7.092	107	562900	39.02	ng		98
18) Hexachloroethane	7.363	117	273294	39.37	ng	#	87
19) n-Nitroso-di-n-propyla...	7.263	70	438673	39.02	ng	#	69
20) 3+4-Methylphenols	7.251	107	685286	38.52	ng	#	87
22) Acetophenone	7.257	105	886401	37.82	ng	#	90
24) Nitrobenzene	7.428	77	654829	39.39	ng		97
25) Isophorone	7.669	82	1194685	39.31	ng		94
26) 2-Nitrophenol	7.745	139	363357	43.22	ng	#	92
27) 2,4-Dimethylphenol	7.775	122	578543	41.33	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	827203	39.22	ng		98
29) 2,4-Dichlorophenol	7.980	162	596230	39.54	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	635940	38.46	ng		98
31) Naphthalene	8.151	128	1976224	38.33	ng		99
32) Benzoic acid	7.898	122	451652	45.88	ng		98
33) 4-Chloroaniline	8.192	127	852340	39.50	ng		99
34) Hexachlorobutadiene	8.269	225	358190	38.78	ng		100
35) Caprolactam	8.569	113	185615	42.60	ng	#	83
36) 4-Chloro-3-methylphenol	8.675	107	584842	39.70	ng		97
37) 2-Methylnaphthalene	8.839	142	1298314	38.89	ng		100
38) 1-Methylnaphthalene	8.939	142	1257952	38.83	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	573623	37.83	ng		98
41) Hexachlorocyclopentadiene	8.998	237	305873	41.10	ng		96
43) 2,4,6-Trichlorophenol	9.116	196	432864	39.38	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	461744	39.51	ng		92
46) 1,1'-Biphenyl	9.304	154	1573616	37.88	ng		97
47) 2-Chloronaphthalene	9.327	162	1288183	38.19	ng		98
48) 2-Nitroaniline	9.422	65	342450	42.29	ng		87
49) Acenaphthylene	9.745	152	1896910	38.40	ng		98
50) Dimethylphthalate	9.604	163	1447045	38.90	ng		98
51) 2,6-Dinitrotoluene	9.663	165	310130	41.25	ng		94
52) Acenaphthene	9.916	154	1194524	38.71	ng		98
53) 3-Nitroaniline	9.833	138	370388	41.66	ng		93
54) 2,4-Dinitrophenol	9.933	184	155451	48.71	ng	#	73
55) Dibenzofuran	10.086	168	1755044	37.96	ng		97
56) 4-Nitrophenol	9.980	139	289646	43.71	ng		88
57) 2,4-Dinitrotoluene	10.063	165	414697	43.62	ng	#	86
58) Fluorene	10.427	166	1277736	37.74	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	357768	40.56	ng	#	89
60) Diethylphthalate	10.304	149	1421420	40.05	ng		98
61) 4-Chlorophenyl-phenyle...	10.421	204	608123	37.29	ng		89
62) 4-Nitroaniline	10.445	138	353373	43.02	ng	#	75
63) Azobenzene	10.580	77	1297484	38.89	ng		85
65) 4,6-Dinitro-2-methylph...	10.474	198	222587	48.00	ng	#	68
66) n-Nitrosodiphenylamine	10.539	169	1190609	37.54	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	393455	38.21	ng		97
68) Hexachlorobenzene	10.974	284	447094	38.32	ng		90
69) Atrazine	11.063	200	374622	40.70	ng		94
70) Pentachlorophenol	11.163	266	272778	43.73	ng		94
71) Phenanthrene	11.386	178	1860106	37.39	ng		96
72) Anthracene	11.439	178	1898615	38.21	ng		98
73) Carbazole	11.592	167	1814948	39.25	ng		99
74) Di-n-butylphthalate	11.927	149	2085784	40.86	ng		99
75) Fluoranthene	12.574	202	1830306	40.78	ng		98
77) Benzidine	12.692	184	698051	36.91	ng		98
78) Pyrene	12.804	202	1859614	35.42	ng		96
80) Butylbenzylphthalate	13.421	149	780980	46.41	ng		97
81) Benzo(a)anthracene	13.986	228	1269227	37.86	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	410359	38.74	ng		98
83) Chrysene	14.021	228	1274100	38.45	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	892171	48.72	ng		99
85) Di-n-octyl phthalate	14.592	149	1177658	38.60	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.898	276	1200666	38.97	ng		97
88) Benzo(b)fluoranthene	15.027	252	957088	41.99	ng		98
89) Benzo(k)fluoranthene	15.056	252	967790	41.36	ng		98
90) Benzo(a)pyrene	15.386	252	824995	40.88	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	993637	39.10	ng		98
92) Benzo(g,h,i)perylene	17.339	276	1003504	38.66	ng		94

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

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