Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125567.D
Acq On : 22 Sep 2021 19:34
Operator : JU/CG
Sample : M3733-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-UST-01-(5-7)MSD

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:46 PM

Quant Time: Sep 23 04:48:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	170913	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	755476	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	412847	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	719658	20.000	ng	0.00
76) Chrysene-d12	14.062	240	512188	20.000	ng	0.00
86) Perylene-d12	15.539	264	428423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1339034	123.893	ng	0.00
7) Phenol-d6	6.522	99	1662366	119.294	ng	0.00
23) Nitrobenzene-d5	7.457	82	1003552	84.726	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	508927	125.857	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1980532	87.131	ng	0.00
79) Terphenyl-d14	13.004	244	2101947	66.270	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	214467	49.217	ng	# 100
3) Pyridine	3.475	79	485167	41.551	ng	# 74
4) n-Nitrosodimethylamine	3.428	42	232272	50.435	ng	# 1
6) Aniline	6.557	93	789409	49.205	ng	95
8) 2-Chlorophenol	6.680	128	625936	50.716	ng	98
9) Benzaldehyde	6.445	77	429893	70.530	ng	93
10) Phenol	6.533	94	726920	51.250	ng	90
11) bis(2-Chloroethyl)ether	6.633	93	578781	51.040	ng	95
12) 1,3-Dichlorobenzene	6.839	146	639170	48.185	ng	98
13) 1,4-Dichlorobenzene	6.916	146	598535	44.640	ng	96
14) 1,2-Dichlorobenzene	7.069	146	642520	51.308	ng	97
15) Benzyl Alcohol	7.033	79	493717	49.509	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	680425	43.609	ng	55
17) 2-Methylphenol	7.145	107	493979	50.142	ng	99
18) Hexachloroethane	7.416	117	287606m	60.244	ng	
19) n-Nitroso-di-n-propyla...	7.310	70	435974	52.273	ng	# 69
20) 3+4-Methylphenols	7.292	107	596173	48.670	ng	88
22) Acetophenone	7.304	105	1087469	62.213	ng	# 87
24) Nitrobenzene	7.475	77	601525	47.924	ng	94
25) Isophorone	7.716	82	1129940	44.330	ng	93
26) 2-Nitrophenol	7.792	139	319498	56.530	ng	92
27) 2,4-Dimethylphenol	7.827	122	581733	51.357	ng	94
28) bis(2-Chloroethoxy)met...	7.927	93	727754	49.693	ng	98
29) 2,4-Dichlorophenol	8.033	162	539780	47.139	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	562787	46.634	ng	97
31) Naphthalene	8.204	128	1873162	48.278	ng	99
32) Benzoic acid	7.939	122	399050	58.021	ng	89
33) 4-Chloroaniline	8.245	127	539009	33.893	ng	98
34) Hexachlorobutadiene	8.322	225	308897	45.392	ng	99
35) Caprolactam	8.610	113	178892m	56.964	ng	
36) 4-Chloro-3-methylphenol	8.722	107	549827	48.880	ng	98
37) 2-Methylnaphthalene	8.892	142	1270964	48.363	ng	98
38) 1-Methylnaphthalene	8.992	142	1167748	47.359	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	498323	44.829	ng	99
41) Hexachlorocyclopentadiene	9.051	237	622997	100.216	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	391075	46.693	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	416714	47.411	ng		92
46) 1,1'-Biphenyl	9.357	154	1430903	46.000	ng		96
47) 2-Chloronaphthalene	9.380	162	1195657	46.278	ng		99
48) 2-Nitroaniline	9.469	65	320241	58.088	ng		98
49) Acenaphthylene	9.798	152	1830268	48.203	ng		97
50) Dimethylphthalate	9.657	163	1372864	48.318	ng		98
51) 2,6-Dinitrotoluene	9.716	165	306296	54.184	ng		91
52) Acenaphthene	9.968	154	1219686	50.887	ng		97
53) 3-Nitroaniline	9.880	138	266838	44.445	ng		88
54) 2,4-Dinitrophenol	9.986	184	278860	136.928	ng	#	79
55) Dibenzofuran	10.145	168	1648833	46.356	ng		95
56) 4-Nitrophenol	10.039	139	545092	111.922	ng		90
57) 2,4-Dinitrotoluene	10.116	165	417518	61.631	ng	#	88
58) Fluorene	10.486	166	1242779	45.430	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	327330	49.584	ng	#	90
60) Diethylphthalate	10.357	149	1377500	49.191	ng		100
61) 4-Chlorophenyl-phenyle...	10.474	204	574752	47.241	ng		91
62) 4-Nitroaniline	10.498	138	330513	60.919	ng	#	77
63) Azobenzene	10.639	77	1244290	45.731	ng		84
65) 4,6-Dinitro-2-methylph...	10.527	198	193208	55.306	ng	#	66
66) n-Nitrosodiphenylamine	10.592	169	1157169	44.289	ng		95
67) 4-Bromophenyl-phenylether	10.968	248	368151	44.765	ng		94
68) Hexachlorobenzene	11.033	284	423344	45.675	ng	#	85
69) Atrazine	11.121	200	378425	53.858	ng		94
70) Pentachlorophenol	11.221	266	485867	91.945	ng		95
71) Phenanthrene	11.445	178	1879719	46.500	ng		97
72) Anthracene	11.498	178	1942357	48.203	ng		98
73) Carbazole	11.651	167	1783737	46.804	ng		98
74) Di-n-butylphthalate	11.980	149	2156026	47.668	ng		99
75) Fluoranthene	12.633	202	1953167	49.249	ng		95
77) Benzidine	12.751	184	964656	66.423	ng		97
78) Pyrene	12.862	202	1995386	41.572	ng		95
80) Butylbenzylphthalate	13.480	149	916032	47.231	ng		95
81) Benzo(a)anthracene	14.051	228	1556622	44.646	ng		100
82) 3,3'-Dichlorobenzidine	14.009	252	508882	47.636	ng		99
83) Chrysene	14.092	228	1631527	46.324	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1207060	50.910	ng		99
85) Di-n-octyl phthalate	14.656	149	2034042	51.595	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.033	276	1433940	46.625	ng		97
88) Benzo(b)fluoranthene	15.109	252	1519149	48.484	ng		98
89) Benzo(k)fluoranthene	15.139	252	1408259m	49.145	ng		
90) Benzo(a)pyrene	15.480	252	1367477	50.145	ng		96
91) Dibenzo(a,h)anthracene	17.050	278	1194494	45.827	ng		97
92) Benzo(g,h,i)perylene	17.486	276	1200477	46.665	ng		93

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

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