Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125817.D
Acq On : 13 Oct 2021 9:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/14/2021 10:54:54 AM

Quant Time: Oct 13 13:23:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	276496	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1087084	20.00	ng		# 0.00
39) Acenaphthene-d10	9.881	164	564904	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	917964	20.00	ng		# 0.00
76) Chrysene-d12	13.998	240	471102	20.00	ng		0.00
86) Perylene-d12	15.451	264	449727	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1266272	74.82	ng		0.00
7) Phenol-d6	6.475	99	1643075	75.41	ng		0.00
23) Nitrobenzene-d5	7.410	82	1357400	77.62	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	447609	80.25	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2490619	76.05	ng		0.00
79) Terphenyl-d14	12.945	244	2282412	73.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	267946	37.18	ng	#	100
3) Pyridine	3.357	79	710721	38.12	ng	#	71
4) n-Nitrosodimethylamine	3.310	42	255485	38.07	ng	#	1
6) Aniline	6.510	93	963128	38.39	ng		94
8) 2-Chlorophenol	6.634	128	707714	38.18	ng		98
9) Benzaldehyde	6.398	77	452850	38.30	ng		92
10) Phenol	6.492	94	858597	40.52	ng		91
11) bis(2-Chloroethyl)ether	6.581	93	657823	38.32	ng		97
12) 1,3-Dichlorobenzene	6.787	146	768694	38.01	ng		97
13) 1,4-Dichlorobenzene	6.863	146	779487	37.80	ng		97
14) 1,2-Dichlorobenzene	7.022	146	726332	37.60	ng		98
15) Benzyl Alcohol	6.987	79	545253	37.76	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	826251	37.63	ng		87
17) 2-Methylphenol	7.098	107	564298	38.24	ng		96
18) Hexachloroethane	7.363	117	273820	38.56	ng	#	86
19) n-Nitroso-di-n-propyla...	7.263	70	433017	37.65	ng	#	67
20) 3+4-Methylphenols	7.251	107	672791	36.97	ng		91
22) Acetophenone	7.257	105	867883	36.32	ng	#	92
24) Nitrobenzene	7.428	77	650815	38.40	ng		97
25) Isophorone	7.669	82	1161458	37.49	ng		94
26) 2-Nitrophenol	7.745	139	377871	44.09	ng	#	93
27) 2,4-Dimethylphenol	7.781	122	537699	37.67	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	815157	37.90	ng		98
29) 2,4-Dichlorophenol	7.981	162	599555	39.00	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	631145	37.43	ng		97
31) Naphthalene	8.151	128	1965887	37.40	ng		100
32) Benzoic acid	7.898	122	417926m	41.64	ng		
33) 4-Chloroaniline	8.198	127	834345	37.93	ng		97
34) Hexachlorobutadiene	8.269	225	355167	37.71	ng		100
35) Caprolactam	8.575	113	175023	39.40	ng	#	79
36) 4-Chloro-3-methylphenol	8.675	107	582429	38.77	ng		99
37) 2-Methylnaphthalene	8.839	142	1272909	37.39	ng		99
38) 1-Methylnaphthalene	8.939	142	1231330	37.28	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	564958	37.26	ng		98
41) Hexachlorocyclopentadiene	8.998	237	283127	38.05	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	428624	39.01	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	453712	38.83	ng	#	88
46) 1,1'-Biphenyl	9.304	154	1541834	37.12	ng		97
47) 2-Chloronaphthalene	9.328	162	1250920	37.09	ng		99
48) 2-Nitroaniline	9.422	65	330353	40.81	ng		87
49) Acenaphthylene	9.745	152	1835120	37.16	ng		97
50) Dimethylphthalate	9.604	163	1410610	37.93	ng		97
51) 2,6-Dinitrotoluene	9.663	165	311014	41.38	ng		91
52) Acenaphthene	9.916	154	1170480	37.94	ng		98
53) 3-Nitroaniline	9.833	138	359483	40.45	ng		95
54) 2,4-Dinitrophenol	9.933	184	150379	47.13	ng	#	76
55) Dibenzofuran	10.086	168	1720402	37.22	ng		97
56) 4-Nitrophenol	9.986	139	275060	41.52	ng	#	81
57) 2,4-Dinitrotoluene	10.063	165	408875	43.02	ng	#	87
58) Fluorene	10.428	166	1248125	36.87	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	350581	39.75	ng	#	88
60) Diethylphthalate	10.304	149	1360812	38.35	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	599776	36.78	ng		88
62) 4-Nitroaniline	10.445	138	334999	40.79	ng	#	75
63) Azobenzene	10.580	77	1251701	37.53	ng		85
65) 4,6-Dinitro-2-methylph...	10.475	198	221829	48.45	ng	#	72
66) n-Nitrosodiphenylamine	10.539	169	1166817	37.26	ng		97
67) 4-Bromophenyl-phenylether	10.910	248	379515	37.33	ng		97
68) Hexachlorobenzene	10.980	284	427432	37.10	ng	#	79
69) Atrazine	11.063	200	362406	39.87	ng		94
70) Pentachlorophenol	11.169	266	255680	41.52	ng		94
71) Phenanthrene	11.392	178	1795856	36.56	ng		97
72) Anthracene	11.439	178	1798626	36.67	ng		97
73) Carbazole	11.592	167	1738819	38.09	ng		99
74) Di-n-butylphthalate	11.927	149	2006824	39.82	ng		99
75) Fluoranthene	12.574	202	1722378	38.86	ng		96
77) Benzidine	12.692	184	595912	34.57	ng		98
78) Pyrene	12.804	202	1715532	35.84	ng		96
80) Butylbenzylphthalate	13.421	149	696080	45.37	ng		98
81) Benzo(a)anthracene	13.986	228	1136089	37.17	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	365721	37.87	ng		99
83) Chrysene	14.027	228	1131478	37.45	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	781798	46.83	ng		99
85) Di-n-octyl phthalate	14.592	149	1122084	40.35	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.909	276	1258315	36.66	ng		98
88) Benzo(b)fluoranthene	15.027	252	1028111	40.49	ng		98
89) Benzo(k)fluoranthene	15.063	252	953640	36.58	ng		98
90) Benzo(a)pyrene	15.392	252	869811	38.68	ng		97
91) Dibenzo(a,h)anthracene	16.927	278	1039967	36.73	ng		98
92) Benzo(g,h,i)perylene	17.351	276	1041017	36.00	ng		93

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

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