Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
Data File : BF126098.D
Acq On : 10 Nov 2021 9:43
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 10 13:33:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	208668	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	716213	20.000	ng	#	0.00
39) Acenaphthene-d10	9.892	164	409530	20.000	ng		0.00
64) Phenanthrene-d10	11.375	188	763320	20.000	ng		0.00
76) Chrysene-d12	14.016	240	517974	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	396171	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	941290	77.466	ng		0.00
7) Phenol-d6	6.487	99	1304296	76.145	ng		0.00
23) Nitrobenzene-d5	7.422	82	1315091	86.595	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	420217	89.537	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2448164	80.784	ng		0.00
79) Terphenyl-d14	12.963	244	2721284	84.718	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	187973	37.204	ng	#	100
3) Pyridine	3.363	79	512575	37.701	ng		96
4) n-Nitrosodimethylamine	3.322	42	326021	34.195	ng	#	84
6) Aniline	6.522	93	713141	37.757	ng	#	90
8) 2-Chlorophenol	6.645	128	510202	39.294	ng		86
9) Benzaldehyde	6.404	77	367801	35.875	ng		89
10) Phenol	6.504	94	668635	38.176	ng		76
11) bis(2-Chloroethyl)ether	6.593	93	483311	37.886	ng		87
12) 1,3-Dichlorobenzene	6.798	146	582096	39.363	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	582754	38.646	ng		95
14) 1,2-Dichlorobenzene	7.028	146	570062	39.240	ng		96
15) Benzyl Alcohol	6.998	79	563707	38.535	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	815483	34.764	ng		93
17) 2-Methylphenol	7.110	107	424928	38.455	ng	#	90
18) Hexachloroethane	7.369	117	227881	40.225	ng	#	86
19) n-Nitroso-di-n-propyla...	7.275	70	418209	37.035	ng	#	81
20) 3+4-Methylphenols	7.263	107	566901	37.947	ng	#	73
22) Acetophenone	7.269	105	779761	37.696	ng	#	90
24) Nitrobenzene	7.440	77	611340	40.643	ng	#	83
25) Isophorone	7.681	82	1027967	37.595	ng	#	88
26) 2-Nitrophenol	7.757	139	258154	48.463	ng	#	73
27) 2,4-Dimethylphenol	7.792	122	380006	38.119	ng	#	80
28) bis(2-Chloroethoxy)met...	7.887	93	630720	39.118	ng	#	96
29) 2,4-Dichlorophenol	7.992	162	458565	40.751	ng		94
30) 1,2,4-Trichlorobenzene	8.081	180	558881	40.733	ng		98
31) Naphthalene	8.163	128	1462332	39.419	ng		99
32) Benzoic acid	7.916	122	222342	38.249	ng	#	68
33) 4-Chloroaniline	8.210	127	583022	39.324	ng	#	92
34) Hexachlorobutadiene	8.281	225	386286	40.899	ng		99
35) Caprolactam	8.586	113	119571	38.158	ng	#	65
36) 4-Chloro-3-methylphenol	8.687	107	507135	39.082	ng		87
37) 2-Methylnaphthalene	8.851	142	994873	38.830	ng		100
38) 1-Methylnaphthalene	8.951	142	961067	38.725	ng		98
40) 1,2,4,5-Tetrachloroben...	9.016	216	571914	41.671	ng		97
41) Hexachlorocyclopentadiene	9.004	237	269658	37.815	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	373665	44.960	ng		99

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44) 2,4,5-Trichlorophenol	9.169	196	387715	43.183	ng		94
46) 1,1'-Biphenyl	9.316	154	1273362	40.227	ng		97
47) 2-Chloronaphthalene	9.339	162	1026442	41.197	ng		99
48) 2-Nitroaniline	9.434	65	336015	41.635	ng	#	78
49) Acenaphthylene	9.757	152	1517114	40.264	ng		99
50) Dimethylphthalate	9.616	163	1208534	40.534	ng		98
51) 2,6-Dinitrotoluene	9.675	165	242532	47.457	ng	#	70
52) Acenaphthene	9.928	154	991641	41.726	ng		99
53) 3-Nitroaniline	9.845	138	240514	45.908	ng	#	67
54) 2,4-Dinitrophenol	9.951	184	110539	50.375	ng		90
55) Dibenzofuran	10.098	168	1427654	39.905	ng		98
56) 4-Nitrophenol	9.998	139	181958	44.006	ng	#	54
57) 2,4-Dinitrotoluene	10.081	165	321913	44.009	ng	#	97
58) Fluorene	10.439	166	1124352	39.147	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	327940	43.133	ng	#	88
60) Diethylphthalate	10.316	149	1180655	39.487	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	613952	39.970	ng		88
62) 4-Nitroaniline	10.457	138	244290	44.707	ng		86
63) Azobenzene	10.592	77	1220931	37.606	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	177408	48.223	ng		96
66) n-Nitrosodiphenylamine	10.551	169	969261	39.874	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	386147	41.765	ng		96
68) Hexachlorobenzene	10.986	284	397916	41.199	ng		93
69) Atrazine	11.075	200	358949	41.747	ng		92
70) Pentachlorophenol	11.180	266	226363	43.495	ng		93
71) Phenanthrene	11.404	178	1604499	38.761	ng		98
72) Anthracene	11.451	178	1598564	38.680	ng		98
73) Carbazole	11.604	167	1470997	38.377	ng		99
74) Di-n-butylphthalate	11.939	149	1791112	40.103	ng		99
75) Fluoranthene	12.586	202	1754840	38.069	ng		96
77) Benzidine	12.710	184	716053	41.354	ng		98
78) Pyrene	12.816	202	1758141	42.325	ng		96
80) Butylbenzylphthalate	13.433	149	696526	46.034	ng	#	85
81) Benzo(a)anthracene	14.004	228	1380107	38.785	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	422268	40.666	ng	#	97
83) Chrysene	14.039	228	1306908	39.472	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	894303	42.646	ng	#	99
85) Di-n-octyl phthalate	14.610	149	1256677	42.178	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	1012531	43.179	ng	#	83
88) Benzo(b)fluoranthene	15.051	252	963820	37.402	ng	#	92
89) Benzo(k)fluoranthene	15.080	252	1005224	40.213	ng		98
90) Benzo(a)pyrene	15.415	252	802797	39.543	ng	#	94
91) Dibenzo(a,h)anthracene	16.957	278	843477	43.795	ng	#	90
92) Benzo(g,h,i)perylene	17.380	276	803770	43.515	ng	#	83

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

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