Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
Data File : BF126339.D
Acq On : 23 Dec 2021 12:30
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 27 06:48:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	134142	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	527888	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	231187	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	332303	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	199844	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	241489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	802787	88.132	ng	0.00
7) Phenol-d6	6.446	99	988586	85.474	ng	0.00
23) Nitrobenzene-d5	7.381	82	828219	84.972	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	151864	81.739	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1086015	82.390	ng	0.00
79) Terphenyl-d14	12.922	244	823149	71.592	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.528	88	201950	45.419	ng	# 100
3) Pyridine	3.257	79	508201	43.039	ng	# 78
4) n-Nitrosodimethylamine	3.205	42	193117	42.554	ng	# 1
6) Aniline	6.475	93	603262	41.063	ng	96
8) 2-Chlorophenol	6.598	128	399376	43.236	ng	88
9) Benzaldehyde	6.363	77	266701	38.213	ng	96
10) Phenol	6.457	94	550929	42.435	ng	90
11) bis(2-Chloroethyl)ether	6.551	93	413974	41.079	ng	97
12) 1,3-Dichlorobenzene	6.757	146	405585	43.527	ng	98
13) 1,4-Dichlorobenzene	6.834	146	401492	42.669	ng	96
14) 1,2-Dichlorobenzene	6.987	146	372737	42.843	ng	96
15) Benzyl Alcohol	6.957	79	332753	39.410	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.093	45	670020	40.628	ng	94
17) 2-Methylphenol	7.069	107	334477	41.334	ng	97
18) Hexachloroethane	7.328	117	158352	42.784	ng	93
19) n-Nitroso-di-n-propyla...	7.234	70	264810	37.296	ng	# 70
20) 3+4-Methylphenols	7.222	107	386926	40.446	ng	# 80
22) Acetophenone	7.228	105	503626	41.454	ng	95
24) Nitrobenzene	7.398	77	408684	42.002	ng	94
25) Isophorone	7.640	82	725677	39.426	ng	# 89
26) 2-Nitrophenol	7.716	139	196656	44.834	ng	# 86
27) 2,4-Dimethylphenol	7.751	122	308110	41.362	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	493738	40.800	ng	# 97
29) 2,4-Dichlorophenol	7.951	162	287020	43.347	ng	90
30) 1,2,4-Trichlorobenzene	8.040	180	293185	42.807	ng	99
31) Naphthalene	8.122	128	1058723	42.886	ng	98
32) Benzoic acid	7.869	122	181236	28.241	ng	93
33) 4-Chloroaniline	8.169	127	439329	42.621	ng	97
34) Hexachlorobutadiene	8.240	225	144698	43.017	ng	99
35) Caprolactam	8.528	113	62222	37.811	ng	95
36) 4-Chloro-3-methylphenol	8.645	107	322868	41.337	ng	91
37) 2-Methylnaphthalene	8.810	142	628476	41.338	ng	98
38) 1-Methylnaphthalene	8.910	142	609475	41.309	ng	96
40) 1,2,4,5-Tetrachloroben...	8.981	216	223566	44.806	ng	97
41) Hexachlorocyclopentadiene	8.969	237	108344	37.918	ng	95
43) 2,4,6-Trichlorophenol	9.087	196	163521	41.660	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	174148	42.844	ng	#	92
46) 1,1'-Biphenyl	9.275	154	749658	43.855	ng		96
47) 2-Chloronaphthalene	9.298	162	557187	43.322	ng		97
48) 2-Nitroaniline	9.392	65	194620	41.458	ng		90
49) Acenaphthylene	9.716	152	843420	42.916	ng		98
50) Dimethylphthalate	9.575	163	593091	40.499	ng		97
51) 2,6-Dinitrotoluene	9.634	165	128054	40.399	ng	#	84
52) Acenaphthene	9.886	154	543612	42.654	ng		99
53) 3-Nitroaniline	9.804	138	165718	41.133	ng	#	81
54) 2,4-Dinitrophenol	9.904	184	47734	36.574	ng	#	77
55) Dibenzofuran	10.057	168	735212	42.370	ng		97
56) 4-Nitrophenol	9.957	139	112884	38.790	ng	#	79
57) 2,4-Dinitrotoluene	10.034	165	158428	39.182	ng	#	90
58) Fluorene	10.398	166	504029	40.124	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	121449	40.297	ng	#	97
60) Diethylphthalate	10.275	149	572405	38.894	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	226418	40.032	ng		96
62) 4-Nitroaniline	10.410	138	143312	42.405	ng	#	73
63) Azobenzene	10.551	77	708047	39.721	ng		84
65) 4,6-Dinitro-2-methylph...	10.445	198	78351	43.179	ng		89
66) n-Nitrosodiphenylamine	10.510	169	461808	43.302	ng		98
67) 4-Bromophenyl-phenylether	10.881	248	138004	44.250	ng	#	89
68) Hexachlorobenzene	10.951	284	156366	43.594	ng	#	85
69) Atrazine	11.033	200	83471	42.709	ng		98
70) Pentachlorophenol	11.139	266	79653	40.028	ng		93
71) Phenanthrene	11.363	178	735144	42.862	ng		99
72) Anthracene	11.410	178	744443	43.244	ng		99
73) Carbazole	11.569	167	700090	43.184	ng		98
74) Di-n-butylphthalate	11.904	149	824566	40.121	ng		100
75) Fluoranthene	12.551	202	652414	42.220	ng		94
77) Benzidine	12.669	184	135885	43.129	ng		99
78) Pyrene	12.780	202	665813	36.264	ng		98
80) Butylbenzylphthalate	13.404	149	315184	36.480	ng		89
81) Benzo(a)anthracene	13.969	228	489843	41.380	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	261492	48.352	ng		97
83) Chrysene	14.004	228	519989	42.278	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	382181	39.585	ng		99
85) Di-n-octyl phthalate	14.574	149	773566	44.946	ng		98
87) Indeno(1,2,3-cd)pyrene	16.863	276	734130	45.577	ng	#	93
88) Benzo(b)fluoranthene	15.010	252	590883	40.723	ng		98
89) Benzo(k)fluoranthene	15.039	252	563190	40.574	ng	#	96
90) Benzo(a)pyrene	15.363	252	513192	42.555	ng	#	95
91) Dibenzo(a,h)anthracene	16.880	278	597715	45.648	ng		96
92) Benzo(g,h,i)perylene	17.298	276	637524	47.058	ng		93

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

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