Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
Data File : BF124896.D
Acq On : 31 Jul 2021 17:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:50:19 PM

Quant Time: Aug 02 02:35:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 02:31:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	7435	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	27877	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	14908	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	25016	20.000	ng	0.00
76) Chrysene-d12	14.021	240	15446	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	11356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	35618	81.112	ng	0.00
7) Phenol-d6	6.492	99	44684	81.169	ng	0.00
23) Nitrobenzene-d5	7.428	82	41100	87.749	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	10778	84.203	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	81451	80.246	ng	0.00
79) Terphenyl-d14	12.963	244	79148	87.836	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	6576	42.842	ng	# 100
3) Pyridine	3.404	79	15829	43.563	ng	94
4) n-Nitrosodimethylamine	3.363	42	11884	41.357	ng	97
6) Aniline	6.522	93	24386	43.103	ng	98
8) 2-Chlorophenol	6.645	128	18905	38.170	ng	91
9) Benzaldehyde	6.410	77	11932	40.258	ng	91
10) Phenol	6.504	94	23721	44.996	ng	94
11) bis(2-Chloroethyl)ether	6.598	93	17806	42.599	ng	98
12) 1,3-Dichlorobenzene	6.798	146	21057	39.117	ng	97
13) 1,4-Dichlorobenzene	6.875	146	21026	39.044	ng	93
14) 1,2-Dichlorobenzene	7.028	146	20863	40.096	ng	93
15) Benzyl Alcohol	7.004	79	16586	45.816	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	27727	39.412	ng	95
17) 2-Methylphenol	7.110	107	14903	41.303	ng	93
18) Hexachloroethane	7.369	117	8756	42.897	ng	93
19) n-Nitroso-di-n-propyla...	7.275	70	13689	46.567	ng	# 90
20) 3+4-Methylphenols	7.263	107	19261	40.403	ng	93
22) Acetophenone	7.269	105	26149	40.478	ng	# 91
24) Nitrobenzene	7.445	77	21000	45.731	ng	96
25) Isophorone	7.681	82	35346	42.678	ng	# 91
26) 2-Nitrophenol	7.757	139	10258	40.332	ng	# 89
27) 2,4-Dimethylphenol	7.792	122	15064	38.492	ng	98
28) bis(2-Chloroethoxy)met...	7.886	93	19809	41.159	ng	95
29) 2,4-Dichlorophenol	7.998	162	16006	38.617	ng	96
30) 1,2,4-Trichlorobenzene	8.081	180	18101	39.846	ng	99
31) Naphthalene	8.163	128	55728	38.306	ng	98
32) Benzoic acid	7.922	122	9279m	30.632	ng	
33) 4-Chloroaniline	8.210	127	20731	37.895	ng	# 94
34) Hexachlorobutadiene	8.275	225	11278	41.532	ng	98
35) Caprolactam	8.592	113	4122	38.263	ng	92
36) 4-Chloro-3-methylphenol	8.692	107	16495	41.723	ng	93
37) 2-Methylnaphthalene	8.851	142	37067	38.133	ng	98
38) 1-Methylnaphthalene	8.951	142	35329	38.365	ng	96
40) 1,2,4,5-Tetrachloroben...	9.016	216	16267	39.108	ng	98
41) Hexachlorocyclopentadiene	9.004	237	7337	29.814	ng	94
43) 2,4,6-Trichlorophenol	9.128	196	11621	39.356	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	12185	40.189	ng		94
46) 1,1'-Biphenyl	9.316	154	43604	39.184	ng		98
47) 2-Chloronaphthalene	9.345	162	34971	39.698	ng		98
48) 2-Nitroaniline	9.439	65	10173	44.103	ng		91
49) Acenaphthylene	9.757	152	52460	38.616	ng		99
50) Dimethylphthalate	9.616	163	39213	38.200	ng	#	96
51) 2,6-Dinitrotoluene	9.681	165	8960	39.509	ng		89
52) Acenaphthene	9.928	154	31358	34.820	ng		99
53) 3-Nitroaniline	9.851	138	9005	37.743	ng		87
54) 2,4-Dinitrophenol	9.957	184	3976	30.320	ng		91
55) Dibenzofuran	10.104	168	49097	38.152	ng		97
56) 4-Nitrophenol	10.004	139	6452	34.245	ng	#	76
57) 2,4-Dinitrotoluene	10.086	165	11912	38.707	ng	#	90
58) Fluorene	10.445	166	38047	38.540	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.216	232	8743	36.513	ng	#	94
60) Diethylphthalate	10.316	149	40641	38.073	ng		98
61) 4-Chlorophenyl-phenyle...	10.433	204	18298	38.342	ng		94
62) 4-Nitroaniline	10.463	138	8518	36.082	ng		98
63) Azobenzene	10.592	77	40349	42.726	ng		92
65) 4,6-Dinitro-2-methylph...	10.492	198	6186	38.184	ng		94
66) n-Nitrosodiphenylamine	10.551	169	31860	39.301	ng		91
67) 4-Bromophenyl-phenylether	10.922	248	10923	41.171	ng		92
68) Hexachlorobenzene	10.992	284	11539	41.878	ng	#	86
69) Atrazine	11.080	200	10096	40.962	ng		94
70) Pentachlorophenol	11.180	266	5731	33.449	ng	#	88
71) Phenanthrene	11.404	178	51625	38.369	ng		98
72) Anthracene	11.457	178	52433	38.981	ng		99
73) Carbazole	11.610	167	46751	37.079	ng		98
74) Di-n-butylphthalate	11.939	149	63382	37.741	ng		99
75) Fluoranthene	12.592	202	52698	38.381	ng		98
77) Benzidine	12.716	184	16990	39.007	ng		98
78) Pyrene	12.821	202	52037	42.555	ng		99
80) Butylbenzylphthalate	13.433	149	23896	40.800	ng		96
81) Benzo(a)anthracene	14.010	228	39698	39.318	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	10559	37.683	ng		98
83) Chrysene	14.045	228	37773	38.833	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	32426	37.587	ng		99
85) Di-n-octyl phthalate	14.604	149	49340	35.245	ng		99
87) Indeno(1,2,3-cd)pyrene	16.956	276	31022	47.318	ng		94
88) Benzo(b)fluoranthene	15.057	252	32463	40.602	ng		98
89) Benzo(k)fluoranthene	15.086	252	30910	42.310	ng		99
90) Benzo(a)pyrene	15.421	252	28183	42.196	ng		94
91) Dibenzo(a,h)anthracene	16.968	278	26814	46.719	ng		94
92) Benzo(g,h,i)perylene	17.404	276	25359	46.594	ng	#	89

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

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