Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125935.D
Acq On : 26 Oct 2021 15:33
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/27/2021 11:48:53 AM

Quant Time: Oct 26 17:09:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	172356	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	678318	20.000	ng		# 0.00
39) Acenaphthene-d10	9.910	164	371707	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	671594	20.000	ng		0.00
76) Chrysene-d12	14.033	240	393254	20.000	ng		# 0.00
86) Perylene-d12	15.498	264	317970	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	885978	76.568	ng		0.00
7) Phenol-d6	6.492	99	1168836	73.647	ng		0.00
23) Nitrobenzene-d5	7.434	82	1080799	82.302	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	271863	83.900	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1639414	77.997	ng		0.00
79) Terphenyl-d14	12.980	244	1876534	78.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	217281	38.430	ng	#	100
3) Pyridine	3.398	79	596793	39.864	ng	#	85
4) n-Nitrosodimethylamine	3.334	42	352166	36.676	ng	#	74
6) Aniline	6.534	93	742637	39.726	ng	#	89
8) 2-Chlorophenol	6.657	128	454476	38.912	ng		81
9) Benzaldehyde	6.416	77	357033	37.595	ng		91
10) Phenol	6.504	94	591220	38.635	ng		84
11) bis(2-Chloroethyl)ether	6.604	93	481617	39.082	ng	#	77
12) 1,3-Dichlorobenzene	6.810	146	488159m	37.837	ng		
13) 1,4-Dichlorobenzene	6.886	146	492729	38.178	ng		94
14) 1,2-Dichlorobenzene	7.045	146	461554	36.894	ng		97
15) Benzyl Alcohol	7.010	79	476911	39.694	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1139667	37.762	ng		97
17) 2-Methylphenol	7.116	107	404422	40.089	ng	#	95
18) Hexachloroethane	7.386	117	193588	39.562	ng		92
19) n-Nitroso-di-n-propyla...	7.286	70	360592	39.767	ng	#	91
20) 3+4-Methylphenols	7.269	107	483747	37.512	ng		93
22) Acetophenone	7.281	105	653716	37.327	ng	#	86
24) Nitrobenzene	7.451	77	544800	40.180	ng	#	86
25) Isophorone	7.692	82	963781	38.539	ng	#	86
26) 2-Nitrophenol	7.769	139	227009	51.638	ng	#	76
27) 2,4-Dimethylphenol	7.804	122	370551	37.959	ng		90
28) bis(2-Chloroethoxy)met...	7.904	93	600884	38.298	ng	#	97
29) 2,4-Dichlorophenol	8.004	162	375933	39.286	ng		91
30) 1,2,4-Trichlorobenzene	8.092	180	430993	38.401	ng		97
31) Naphthalene	8.175	128	1301100	37.723	ng		99
32) Benzoic acid	7.916	122	273319	39.199	ng		83
33) 4-Chloroaniline	8.222	127	549902	38.689	ng	#	90
34) Hexachlorobutadiene	8.298	225	265793	37.682	ng		98
35) Caprolactam	8.598	113	130218	41.569	ng	#	32
36) 4-Chloro-3-methylphenol	8.698	107	434092	38.762	ng		92
37) 2-Methylnaphthalene	8.869	142	840035	37.838	ng		92
38) 1-Methylnaphthalene	8.963	142	821064	38.319	ng		88
40) 1,2,4,5-Tetrachloroben...	9.033	216	396354	38.708	ng		98
41) Hexachlorocyclopentadiene	9.022	237	235443	42.573	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	285904	40.911	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	294571	39.953	ng		94
46) 1,1'-Biphenyl	9.333	154	1048791	38.523	ng		98
47) 2-Chloronaphthalene	9.357	162	782929	38.142	ng		96
48) 2-Nitroaniline	9.445	65	339905	46.361	ng	#	72
49) Acenaphthylene	9.769	152	1202761	38.790	ng		98
50) Dimethylphthalate	9.633	163	901985	39.174	ng		96
51) 2,6-Dinitrotoluene	9.686	165	209683	46.170	ng	#	66
52) Acenaphthene	9.945	154	803361	39.868	ng		98
53) 3-Nitroaniline	9.857	138	232931	44.741	ng	#	70
54) 2,4-Dinitrophenol	9.957	184	97947	53.961	ng	#	85
55) Dibenzofuran	10.116	168	1152607	38.296	ng		96
56) 4-Nitrophenol	10.004	139	191501	47.334	ng	#	71
57) 2,4-Dinitrotoluene	10.086	165	276894	49.638	ng	#	83
58) Fluorene	10.457	166	811312	42.544	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.227	232	251092	41.722	ng	#	91
60) Diethylphthalate	10.333	149	951425	40.510	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	402278	36.321	ng		90
62) 4-Nitroaniline	10.469	138	217210	45.470	ng		87
63) Azobenzene	10.610	77	1078322	39.808	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	157162	52.622	ng		90
66) n-Nitrosodiphenylamine	10.569	169	782166	38.883	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	285584	39.806	ng		94
68) Hexachlorobenzene	11.004	284	296285	39.173	ng	#	87
69) Atrazine	11.092	200	267085	41.923	ng		93
70) Pentachlorophenol	11.192	266	195724	45.837	ng		94
71) Phenanthrene	11.416	178	1330142	38.170	ng		98
72) Anthracene	11.469	178	1342142	38.574	ng		99
73) Carbazole	11.621	167	1265165	38.251	ng		99
74) Di-n-butylphthalate	11.957	149	1491888	42.337	ng	#	99
75) Fluoranthene	12.604	202	1380381	39.293	ng		99
77) Benzidine	12.721	184	515996	42.065	ng		98
78) Pyrene	12.833	202	1384598	37.834	ng		96
80) Butylbenzylphthalate	13.457	149	574583	48.266	ng	#	82
81) Benzo(a)anthracene	14.021	228	1027009	38.802	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	355525	42.363	ng		99
83) Chrysene	14.057	228	1059344	39.558	ng		96
84) Bis(2-ethylhexyl)phtha...	14.021	149	634250	49.178	ng		99
85) Di-n-octyl phthalate	14.633	149	1014207	50.760	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.968	276	928720	40.543	ng	#	91
88) Benzo(b)fluoranthene	15.068	252	871076	41.504	ng	#	97
89) Benzo(k)fluoranthene	15.098	252	792888	39.330	ng		98
90) Benzo(a)pyrene	15.433	252	686049	40.490	ng		96
91) Dibenzo(a,h)anthracene	16.986	278	752160	40.531	ng	#	96
92) Benzo(g,h,i)perylene	17.409	276	773122	39.875	ng	#	87

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

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