Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125958.D
Acq On : 27 Oct 2021 12:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/29/2021 2:22:13 PM

Quant Time: Oct 27 13:11:59 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	6.863	152	214183	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	832991	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	459597	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	813199	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	461656	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	333042	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1107618	77.029	ng	0.00
7) Phenol-d6	6.486	99	1473611	74.718	ng	0.00
23) Nitrobenzene-d5	7.428	82	1162061	72.059	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	327929	81.849	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2033178	78.232	ng	-0.01
79) Terphenyl-d14	12.968	244	2121035	75.152	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	262730	37.393	ng	# 100
3) Pyridine	3.398	79	723756	38.903	ng	89
4) n-Nitrosodimethylamine	3.340	42	397250	33.292	ng	# 64
6) Aniline	6.528	93	933894	40.201	ng	# 93
8) 2-Chlorophenol	6.645	128	567023	39.068	ng	# 76
9) Benzaldehyde	6.410	77	429204	36.369	ng	94
10) Phenol	6.498	94	748743m	39.374	ng	
11) bis(2-Chloroethyl)ether	6.598	93	594406	38.815	ng	# 81
12) 1,3-Dichlorobenzene	6.804	146	606876	37.852	ng	96
13) 1,4-Dichlorobenzene	6.881	146	610465	38.063	ng	96
14) 1,2-Dichlorobenzene	7.034	146	568556	36.571	ng	96
15) Benzyl Alcohol	7.004	79	577158	38.656	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1263848	33.699	ng	99
17) 2-Methylphenol	7.110	107	504197	40.219	ng	97
18) Hexachloroethane	7.375	117	230412	37.892	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	441169	39.152	ng	# 84
20) 3+4-Methylphenols	7.263	107	598405	37.342	ng	96
22) Acetophenone	7.275	105	799143	37.158	ng	92
24) Nitrobenzene	7.445	77	606319	36.414	ng	# 86
25) Isophorone	7.686	82	1194714	38.902	ng	# 87
26) 2-Nitrophenol	7.757	139	208102	38.547	ng	# 72
27) 2,4-Dimethylphenol	7.792	122	481524	40.168	ng	88
28) bis(2-Chloroethoxy)met...	7.892	93	753078	39.085	ng	# 96
29) 2,4-Dichlorophenol	7.998	162	459493	39.102	ng	89
30) 1,2,4-Trichlorobenzene	8.086	180	528841	38.370	ng	98
31) Naphthalene	8.169	128	1602619	37.838	ng	98
32) Benzoic acid	7.910	122	331819	38.800	ng	# 84
33) 4-Chloroaniline	8.210	127	683237	39.145	ng	# 88
34) Hexachlorobutadiene	8.286	225	326618	37.707	ng	99
35) Caprolactam	8.592	113	152480	39.638	ng	# 44
36) 4-Chloro-3-methylphenol	8.686	107	538929	39.188	ng	88
37) 2-Methylnaphthalene	8.857	142	1037431	38.053	ng	93
38) 1-Methylnaphthalene	8.957	142	1001483	38.060	ng	89
40) 1,2,4,5-Tetrachloroben...	9.022	216	491986	38.859	ng	98
41) Hexachlorocyclopentadiene	9.016	237	275111	40.232	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	343746	39.782	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	370455	40.637	ng		98
46) 1,1'-Biphenyl	9.322	154	1274831	37.871	ng		98
47) 2-Chloronaphthalene	9.345	162	957341	37.720	ng		96
48) 2-Nitroaniline	9.439	65	345283	38.088	ng	#	75
49) Acenaphthylene	9.763	152	1448761	37.789	ng		97
50) Dimethylphthalate	9.622	163	1115336	39.177	ng	#	96
51) 2,6-Dinitrotoluene	9.680	165	207977	37.037	ng	#	66
52) Acenaphthene	9.933	154	958582	38.474	ng		99
53) 3-Nitroaniline	9.851	138	249180	38.709	ng	#	69
54) 2,4-Dinitrophenol	9.951	184	73222	35.441	ng	#	85
55) Dibenzofuran	10.104	168	1424236	38.272	ng		96
56) 4-Nitrophenol	9.998	139	202760	40.533	ng	#	70
57) 2,4-Dinitrotoluene	10.080	165	265054	38.429	ng	#	81
58) Fluorene	10.445	166	1002777	42.527	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	303454	40.780	ng	#	88
60) Diethylphthalate	10.322	149	1133351	39.028	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	501379	36.612	ng		88
62) 4-Nitroaniline	10.463	138	234220	39.655	ng		85
63) Azobenzene	10.598	77	1297288	38.733	ng		93
65) 4,6-Dinitro-2-methylph...	10.492	198	126635	37.046	ng		85
66) n-Nitrosodiphenylamine	10.557	169	943343	38.729	ng		97
67) 4-Bromophenyl-phenylether	10.927	248	346945	39.938	ng		96
68) Hexachlorobenzene	10.992	284	360148	39.325	ng		92
69) Atrazine	11.086	200	311397	40.367	ng		90
70) Pentachlorophenol	11.180	266	217786	42.123	ng		96
71) Phenanthrene	11.410	178	1574171	37.306	ng		98
72) Anthracene	11.457	178	1585077	37.623	ng		98
73) Carbazole	11.610	167	1503614	37.544	ng		98
74) Di-n-butylphthalate	11.945	149	1685860	39.511	ng		99
75) Fluoranthene	12.592	202	1614228	37.948	ng		97
77) Benzidine	12.710	184	533073	37.018	ng		99
78) Pyrene	12.821	202	1644909	38.287	ng		98
80) Butylbenzylphthalate	13.445	149	643289	46.031	ng	#	84
81) Benzo(a)anthracene	14.010	228	1163327	37.440	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	397392	40.335	ng	#	98
83) Chrysene	14.045	228	1193934	37.978	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	678435	44.810	ng		98
85) Di-n-octyl phthalate	14.621	149	1052583	44.876	ng		97
87) Indeno(1,2,3-cd)pyrene	16.939	276	952556	39.702	ng	#	92
88) Benzo(b)fluoranthene	15.057	252	876257	39.861	ng	#	96
89) Benzo(k)fluoranthene	15.086	252	861464	40.798	ng		98
90) Benzo(a)pyrene	15.421	252	718852	40.506	ng	#	96
91) Dibenzo(a,h)anthracene	16.962	278	787835	40.533	ng	#	96
92) Benzo(g,h,i)perylene	17.386	276	812248	39.997	ng	#	87

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

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