Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125980.D
Acq On : 28 Oct 2021 9:45
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/29/2021 3:01:23 PM

Quant Time: Oct 28 12:02:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:01:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	204555	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	786099	20.000	ng	#	0.00
39) Acenaphthene-d10	9.898	164	430464	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	767972	20.000	ng		0.00
76) Chrysene-d12	14.021	240	408622	20.000	ng	#	0.00
86) Perylene-d12	15.480	264	335608	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1031912	75.142	ng		0.00
7) Phenol-d6	6.487	99	1386364	73.603	ng		0.00
23) Nitrobenzene-d5	7.428	82	1242707	81.657	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	322267	85.880	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1927173	79.172	ng		0.00
79) Terphenyl-d14	12.969	244	1979768	79.251	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	243548	36.295	ng	#	100
3) Pyridine	3.375	79	684541	38.527	ng		89
4) n-Nitrosodimethylamine	3.322	42	356430	31.277	ng	#	54
6) Aniline	6.522	93	863267	38.910	ng	#	94
8) 2-Chlorophenol	6.645	128	534896	38.589	ng	#	77
9) Benzaldehyde	6.410	77	405151	35.947	ng		95
10) Phenol	6.504	94	715668m	39.406	ng		
11) bis(2-Chloroethyl)ether	6.598	93	566363	38.724	ng		84
12) 1,3-Dichlorobenzene	6.804	146	565771	36.949	ng		96
13) 1,4-Dichlorobenzene	6.881	146	570804	37.265	ng		96
14) 1,2-Dichlorobenzene	7.034	146	530841	35.753	ng		96
15) Benzyl Alcohol	7.004	79	537929	37.725	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1165792	32.547	ng		98
17) 2-Methylphenol	7.110	107	471953	39.419	ng		96
18) Hexachloroethane	7.375	117	220914	38.040	ng		94
19) n-Nitroso-di-n-propyla...	7.281	70	414915	38.555	ng	#	81
20) 3+4-Methylphenols	7.263	107	559413	36.551	ng		91
22) Acetophenone	7.275	105	742098	36.564	ng		95
24) Nitrobenzene	7.445	77	627244	39.918	ng		90
25) Isophorone	7.687	82	1111380	38.347	ng	#	88
26) 2-Nitrophenol	7.757	139	266432	52.296	ng	#	70
27) 2,4-Dimethylphenol	7.792	122	439250	38.827	ng		91
28) bis(2-Chloroethoxy)met...	7.892	93	706351	38.847	ng	#	96
29) 2,4-Dichlorophenol	7.998	162	433646	39.104	ng		89
30) 1,2,4-Trichlorobenzene	8.087	180	495070	38.063	ng		97
31) Naphthalene	8.169	128	1503195	37.607	ng		98
32) Benzoic acid	7.910	122	346231	42.459	ng	#	87
33) 4-Chloroaniline	8.210	127	644942	39.155	ng	#	88
34) Hexachlorobutadiene	8.287	225	299795	36.675	ng		99
35) Caprolactam	8.586	113	149676	41.230	ng	#	40
36) 4-Chloro-3-methylphenol	8.692	107	506541	39.030	ng		93
37) 2-Methylnaphthalene	8.857	142	974546	37.878	ng		91
38) 1-Methylnaphthalene	8.957	142	953179	38.385	ng		89
40) 1,2,4,5-Tetrachloroben...	9.022	216	461384	38.909	ng		98
41) Hexachlorocyclopentadiene	9.010	237	236570	36.938	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	328546	40.596	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	351579	41.176	ng		96
46) 1,1'-Biphenyl	9.322	154	1207374	38.294	ng		98
47) 2-Chloronaphthalene	9.345	162	906057	38.115	ng		98
48) 2-Nitroaniline	9.439	65	390635	46.007	ng	#	78
49) Acenaphthylene	9.763	152	1374736	38.285	ng		98
50) Dimethylphthalate	9.622	163	1047272	39.276	ng		96
51) 2,6-Dinitrotoluene	9.681	165	236768	45.018	ng	#	79
52) Acenaphthene	9.933	154	918082	39.342	ng		99
53) 3-Nitroaniline	9.845	138	271135	44.970	ng	#	65
54) 2,4-Dinitrophenol	9.951	184	98479	47.788	ng	#	83
55) Dibenzofuran	10.104	168	1324936	38.013	ng		95
56) 4-Nitrophenol	9.998	139	205280	43.814	ng	#	67
57) 2,4-Dinitrotoluene	10.081	165	303881	47.040	ng	#	89
58) Fluorene	10.445	166	952890	43.219	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	289985	41.608	ng	#	88
60) Diethylphthalate	10.322	149	1073050	39.452	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	468378	36.517	ng		87
62) 4-Nitroaniline	10.463	138	253322	45.792	ng	#	83
63) Azobenzene	10.598	77	1224085	39.020	ng		92
65) 4,6-Dinitro-2-methylph...	10.486	198	157379	46.835	ng		92
66) n-Nitrosodiphenylamine	10.557	169	891274	38.747	ng		97
67) 4-Bromophenyl-phenylether	10.928	248	329850	40.207	ng		94
68) Hexachlorobenzene	10.992	284	338050	39.086	ng	#	91
69) Atrazine	11.080	200	300607	41.263	ng		93
70) Pentachlorophenol	11.180	266	205185	42.023	ng		93
71) Phenanthrene	11.410	178	1494698	37.509	ng		98
72) Anthracene	11.457	178	1496000	37.600	ng		98
73) Carbazole	11.610	167	1422007	37.597	ng		99
74) Di-n-butylphthalate	11.945	149	1609481	39.942	ng		99
75) Fluoranthene	12.592	202	1491409	37.126	ng		97
77) Benzidine	12.710	184	474069	37.193	ng		96
78) Pyrene	12.822	202	1516347	39.876	ng		97
80) Butylbenzylphthalate	13.439	149	591102	47.786	ng	#	81
81) Benzo(a)anthracene	14.010	228	1047651	38.093	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	343091	39.343	ng		99
83) Chrysene	14.045	228	1065341	38.286	ng		97
84) Bis(2-ethylhexyl)phtha...	14.004	149	602155	44.933	ng		98
85) Di-n-octyl phthalate	14.616	149	981690	47.285	ng	#	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	1020028	42.189	ng	#	92
88) Benzo(b)fluoranthene	15.057	252	834819	37.686	ng	#	97
89) Benzo(k)fluoranthene	15.086	252	826938	38.863	ng		100
90) Benzo(a)pyrene	15.421	252	703489	39.338	ng		97
91) Dibenzo(a,h)anthracene	16.962	278	834602	42.610	ng	#	96
92) Benzo(g,h,i)perylene	17.386	276	857027	41.879	ng	#	89

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

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