Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102920\
Data File : BF122174.D
Acq On : 29 Oct 2020 20:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/30/2020 12:10:22 PM

Quant Time: Oct 30 00:42:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	128147	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	481578	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	250674	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	470051	20.00	ng		0.00
76) Chrysene-d12	13.886	240	298535	20.00	ng		0.00
86) Perylene-d12	15.316	264	288336	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	698344	80.43	ng		0.00
7) Phenol-d6	6.381	99	844085	75.52	ng		0.01
23) Nitrobenzene-d5	7.293	82	760837	81.02	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	255958	82.54	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1247282	73.21	ng		0.00
79) Terphenyl-d14	12.822	244	1398297	89.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.340	88	140281	36.73	ng		99
3) Pyridine	3.057	79	378040	37.65	ng		97
4) n-Nitrosodimethylamine	3.034	42	196648	40.52	ng		92
6) Aniline	6.387	93	508926	36.98	ng	#	59
8) 2-Chlorophenol	6.510	128	347154	39.56	ng		99
9) Benzaldehyde	6.275	77	251833	41.48	ng		99
10) Phenol	6.393	94	437917	37.97	ng		86
11) bis(2-Chloroethyl)ether	6.457	93	349361	39.18	ng		99
12) 1,3-Dichlorobenzene	6.657	146	380290	38.52	ng		98
13) 1,4-Dichlorobenzene	6.734	146	386513	39.00	ng		99
14) 1,2-Dichlorobenzene	6.887	146	342632	37.82	ng		97
15) Benzyl Alcohol	6.881	79	308902	42.73	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.998	45	514336	37.48	ng	#	38
17) 2-Methylphenol	6.993	107	285647	38.07	ng	#	87
18) Hexachloroethane	7.222	117	143580	40.11	ng		96
19) n-Nitroso-di-n-propyla...	7.145	70	256343	40.28	ng		99
20) 3+4-Methylphenols	7.151	107	376526	41.62	ng	#	66
22) Acetophenone	7.140	105	495348	39.98	ng	#	90
24) Nitrobenzene	7.310	77	404551	40.31	ng		97
25) Isophorone	7.551	82	717956	40.44	ng		99
26) 2-Nitrophenol	7.628	139	188151	40.71	ng		95
27) 2,4-Dimethylphenol	7.675	122	306127	38.85	ng		98
28) bis(2-Chloroethoxy)met...	7.757	93	429706	38.68	ng		100
29) 2,4-Dichlorophenol	7.875	162	303540	41.14	ng		99
30) 1,2,4-Trichlorobenzene	7.945	180	306188	39.03	ng		99
31) Naphthalene	8.022	128	987459	38.28	ng		99
32) Benzoic acid	7.845	122	147641	35.22	ng		95
33) 4-Chloroaniline	8.081	127	439894	40.03	ng		98
34) Hexachlorobutadiene	8.134	225	187449	40.29	ng		99
35) Caprolactam	8.481	113	101403m	43.27	ng		
36) 4-Chloro-3-methylphenol	8.581	107	325122	41.03	ng		99
37) 2-Methylnaphthalene	8.710	142	648613	38.82	ng		98
38) 1-Methylnaphthalene	8.810	142	593085	38.33	ng		99
40) 1,2,4,5-Tetrachloroben...	8.881	216	316306	39.09	ng		99
41) Hexachlorocyclopentadiene	8.857	237	36413	28.34	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	200271	40.12	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	200987	37.28	ng		99
46) 1,1'-Biphenyl	9.175	154	783072	38.42	ng		99
47) 2-Chloronaphthalene	9.204	162	612439	38.64	ng		100
48) 2-Nitroaniline	9.316	65	224508	42.94	ng		98
49) Acenaphthylene	9.616	152	920750	37.82	ng		100
50) Dimethylphthalate	9.481	163	709800	38.72	ng		100
51) 2,6-Dinitrotoluene	9.557	165	162558	40.43	ng		94
52) Acenaphthene	9.786	154	563268	38.90	ng		99
53) 3-Nitroaniline	9.728	138	186013	40.68	ng		94
54) 2,4-Dinitrophenol	9.869	184	17343	16.22	ng	#	81
55) Dibenzofuran	9.957	168	820815	38.76	ng		96
56) 4-Nitrophenol	9.922	139	87979	35.37	ng		88
57) 2,4-Dinitrotoluene	9.969	165	210122	42.45	ng		93
58) Fluorene	10.304	166	667691	39.13	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	179327	42.99	ng		98
60) Diethylphthalate	10.181	149	718273	40.64	ng		100
61) 4-Chlorophenyl-phenyle...	10.292	204	326440	39.90	ng		99
62) 4-Nitroaniline	10.351	138	175819	38.48	ng		96
63) Azobenzene	10.451	77	755684	40.43	ng		98
65) 4,6-Dinitro-2-methylph...	10.381	198	55272	20.36	ng		88
66) n-Nitrosodiphenylamine	10.416	169	619719	38.27	ng		99
67) 4-Bromophenyl-phenylether	10.781	248	217749	40.10	ng		99
68) Hexachlorobenzene	10.851	284	243070	39.55	ng		98
69) Atrazine	10.945	200	161517	40.80	ng		99
70) Pentachlorophenol	11.057	266	81984	38.50	ng		98
71) Phenanthrene	11.263	178	987407	38.31	ng		100
72) Anthracene	11.316	178	1030944	38.57	ng		99
73) Carbazole	11.480	167	924772	38.91	ng		99
74) Di-n-butylphthalate	11.798	149	1092470	39.95	ng		99
75) Fluoranthene	12.451	202	1009175	36.52	ng		99
77) Benzidine	12.580	184	250930	27.26	ng		99
78) Pyrene	12.680	202	1009773	44.39	ng		99
80) Butylbenzylphthalate	13.292	149	417220	46.24	ng		99
81) Benzo(a)anthracene	13.874	228	783801	40.07	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	262873	36.22	ng		100
83) Chrysene	13.910	228	757696	39.45	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	544494	44.45	ng		99
85) Di-n-octyl phthalate	14.457	149	804343	40.60	ng		100
87) Indeno(1,2,3-cd)pyrene	16.739	276	911645	48.70	ng		98
88) Benzo(b)fluoranthene	14.910	252	769289	39.47	ng		98
89) Benzo(k)fluoranthene	14.933	252	697952	37.70	ng		99
90) Benzo(a)pyrene	15.257	252	688244	40.88	ng		99
91) Dibenzo(a,h)anthracene	16.739	278	747659	48.50	ng		98
92) Benzo(g,h,i)perylene	17.157	276	790990	51.27	ng		98

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

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