Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121021.D
Acq On : 27 Jul 2020 9:08
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:08 AM

Quant Time: Jul 27 11:15:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	187946	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	687268	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	362666	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	686675	20.00	ng		0.00
76) Chrysene-d12	13.98	240	551362	20.00	ng		0.00
86) Perylene-d12	15.43	264	590030	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	826082	72.05	ng		0.00
7) Phenol-d6	6.45	99	1066254	72.00	ng		0.00
23) Nitrobenzene-d5	7.39	82	919467	77.41	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	317144	79.89	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1574365	64.81	ng		0.00
79) Terphenyl-d14	12.92	244	1789514	70.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	196805	37.299	ng		99
3) Pyridine	3.28	79	553471	39.432	ng		99
4) n-Nitrosodimethylamine	3.23	42	217229	36.193	ng		97
6) Aniline	6.48	93	698802	36.149	ng		99
8) 2-Chlorophenol	6.60	128	470584	37.260	ng		96
9) Benzaldehyde	6.36	77	298456	42.208	ng		99
10) Phenol	6.46	94	587861	36.086	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	472031	37.808	ng		96
12) 1,3-Dichlorobenzene	6.76	146	509901	37.232	ng		99
13) 1,4-Dichlorobenzene	6.83	146	507786	37.288	ng		99
14) 1,2-Dichlorobenzene	6.99	146	469585	36.450	ng		99
15) Benzyl Alcohol	6.96	79	378394	36.130	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	679386	37.753	ng		99
17) 2-Methylphenol	7.07	107	420347	37.551	ng		100
18) Hexachloroethane	7.33	117	188630	38.270	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	302624	35.936	ng		97
20) 3+4-Methylphenols	7.23	107	457658	32.139	ng	#	91
22) Acetophenone	7.23	105	564693	36.610	ng	#	92
24) Nitrobenzene	7.40	77	496771	38.805	ng		97
25) Isophorone	7.64	82	902249	38.062	ng		99
26) 2-Nitrophenol	7.72	139	260722	42.883	ng		99
27) 2,4-Dimethylphenol	7.76	122	377112	38.203	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	573510	39.635	ng		100
29) 2,4-Dichlorophenol	7.96	162	402952	39.947	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	438518	39.184	ng		99
31) Naphthalene	8.12	128	1314810	37.296	ng		99
32) Benzoic acid	7.89	122	330015	44.536	ng		98
33) 4-Chloroaniline	8.17	127	601655	38.258	ng		99
34) Hexachlorobutadiene	8.24	225	256534	38.885	ng		99
35) Caprolactam	8.55	113	128662m	39.775	ng		
36) 4-Chloro-3-methylphenol	8.66	107	415021	40.117	ng		97
37) 2-Methylnaphthalene	8.82	142	885644	38.691	ng		99
38) 1-Methylnaphthalene	8.92	142	834149	38.477	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	412596	39.047	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	220235	37.712	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	289094	38.858	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	339765	40.260	ng		98
46) 1,1'-Biphenyl	9.28	154	1037862	37.516	ng		98
47) 2-Chloronaphthalene	9.30	162	850999	37.730	ng		98
48) 2-Nitroaniline	9.40	65	270315	39.658	ng		97
49) Acenaphthylene	9.72	152	1320149	37.676	ng		100
50) Dimethylphthalate	9.58	163	1022242	39.070	ng		99
51) 2,6-Dinitrotoluene	9.64	165	232050	41.282	ng		97
52) Acenaphthene	9.89	154	833311m	37.407	ng		
53) 3-Nitroaniline	9.81	138	275121	39.025	ng		97
54) 2,4-Dinitrophenol	9.92	184	112029	38.500	ng	#	85
55) Dibenzofuran	10.06	168	1211448	37.606	ng		98
56) 4-Nitrophenol	9.97	139	197026	36.791	ng		99
57) 2,4-Dinitrotoluene	10.05	165	304643	41.270	ng		98
58) Fluorene	10.40	166	860969	35.834	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	265102	41.258	ng		95
60) Diethylphthalate	10.27	149	1015134	38.359	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	441516	34.453	ng		98
62) 4-Nitroaniline	10.42	138	274112	39.916	ng		100
63) Azobenzene	10.56	77	928600	36.857	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	153024	39.265	ng		95
66) n-Nitrosodiphenylamine	10.52	169	829919	38.420	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	307093	40.112	ng		93
68) Hexachlorobenzene	10.95	284	330408	39.896	ng		94
69) Atrazine	11.04	200	177931	33.260	ng		98
70) Pentachlorophenol	11.15	266	192394	40.551	ng		100
71) Phenanthrene	11.36	178	1313115	37.182	ng		100
72) Anthracene	11.42	178	1352136	38.129	ng		99
73) Carbazole	11.57	167	1359746	38.637	ng		99
74) Di-n-butylphthalate	11.90	149	1577689	38.847	ng		100
75) Fluoranthene	12.55	202	1480348	37.817	ng		99
77) Benzidine	12.67	184	568325	39.205	ng		99
78) Pyrene	12.78	202	1526345	39.156	ng		99
80) Butylbenzylphthalate	13.40	149	712901	41.025	ng		98
81) Benzo(a)anthracene	13.97	228	1264372	37.869	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	521858	41.430	ng		98
83) Chrysene	14.00	228	1350033	38.477	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	873830	40.779	ng		99
85) Di-n-octyl phthalate	14.57	149	1698353	39.838	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1492478	36.371	ng		99
88) Benzo(b)fluoranthene	15.01	252	1410617	39.552	ng		100
89) Benzo(k)fluoranthene	15.04	252	1341630	41.247	ng		99
90) Benzo(a)pyrene	15.37	252	1300151	39.956	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	1236247	36.882	ng		98
92) Benzo(g,h,i)perylene	17.30	276	1162176	35.165	ng		98

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

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