Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091020\
Data File : BF121549.D
Acq On : 10 Sep 2020 13:37
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
9/11/2020 11:48:17 AM

Quant Time: Sep 10 15:09:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 14:49:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	183856	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	701738	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	360640	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	664834	20.00	ng		0.00
76) Chrysene-d12	13.99	240	578545	20.00	ng		0.00
86) Perylene-d12	15.44	264	573552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	515073	47.00	ng		0.00
7) Phenol-d6	6.45	99	665349	43.45	ng		-0.01
23) Nitrobenzene-d5	7.39	82	527785	51.42	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	177295	48.67	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1002560	44.86	ng		0.00
79) Terphenyl-d14	12.93	244	1127076	41.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	114450	21.900	ng		99
3) Pyridine	3.35	79	310620	21.826	ng		100
4) n-Nitrosodimethylamine	3.29	42	140122	22.274	ng		99
6) Aniline	6.49	93	426917	23.495	ng		99
8) 2-Chlorophenol	6.61	128	261202	23.485	ng		99
9) Benzaldehyde	6.38	77	226030	30.100	ng		98
10) Phenol	6.47	94	359772	24.015	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	263735	21.668	ng		99
12) 1,3-Dichlorobenzene	6.77	146	289592	21.625	ng		98
13) 1,4-Dichlorobenzene	6.85	146	291510	21.721	ng		98
14) 1,2-Dichlorobenzene	7.00	146	275628	22.057	ng		97
15) Benzyl Alcohol	6.97	79	230073	22.889	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	426939	23.677	ng		99
17) 2-Methylphenol	7.08	107	215431	22.262	ng		99
18) Hexachloroethane	7.35	117	103482	22.530	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	188786	22.059	ng		97
20) 3+4-Methylphenols	7.23	107	272695	23.287	ng		90
22) Acetophenone	7.24	105	367995	21.276	ng	#	95
24) Nitrobenzene	7.41	77	283720	27.575	ng		98
25) Isophorone	7.65	82	513182	22.228	ng		98
26) 2-Nitrophenol	7.73	139	119072	34.231	ng		96
27) 2,4-Dimethylphenol	7.76	122	233175	24.351	ng		100
28) bis(2-Chloroethoxy)methane	7.86	93	323731	20.621	ng		100
29) 2,4-Dichlorophenol	7.97	162	214058	22.641	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	227919	19.679	ng		98
31) Naphthalene	8.13	128	765241	21.965	ng		99
32) Benzoic acid	7.86	122	126476	23.888	ng		99
33) 4-Chloroaniline	8.18	127	328395	21.164	ng		99
34) Hexachlorobutadiene	8.25	225	132746	19.273	ng		100
35) Caprolactam	8.54	113	68440m	22.195	ng		
36) 4-Chloro-3-methylphenol	8.66	107	229396	23.012	ng		98
37) 2-Methylnaphthalene	8.82	142	502297	21.761	ng		99
38) 1-Methylnaphthalene	8.92	142	468166	21.480	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	229526	21.470	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	127321	28.321	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	151894	22.480	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	160607	24.037	ng		99
46) 1,1'-Biphenyl	9.29	154	602730	22.148	ng		98
47) 2-Chloronaphthalene	9.31	162	464915	20.784	ng		98
48) 2-Nitroaniline	9.40	65	142041	29.211	ng		97
49) Acenaphthylene	9.73	152	723365	21.560	ng		98
50) Dimethylphthalate	9.59	163	523416	21.129	ng		99
51) 2,6-Dinitrotoluene	9.65	165	110711	30.619	ng	#	81
52) Acenaphthene	9.90	154	450335	21.256	ng		99
53) 3-Nitroaniline	9.82	138	127193	26.673	ng		98
54) 2,4-Dinitrophenol	9.92	184	38006	29.550	ng		98
55) Dibenzofuran	10.07	168	645675	20.980	ng		99
56) 4-Nitrophenol	9.97	139	102256	26.395	ng		91
57) 2,4-Dinitrotoluene	10.05	165	140422	32.658	ng		88
58) Fluorene	10.42	166	497589	21.448	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	132123	23.751	ng		99
60) Diethylphthalate	10.29	149	513115	20.617	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	235336	20.246	ng		96
62) 4-Nitroaniline	10.43	138	127196	24.844	ng		97
63) Azobenzene	10.57	77	555315	22.562	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	59956	34.789	ng		90
66) n-Nitrosodiphenylamine	10.52	169	465784	22.151	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	151380	20.698	ng		95
68) Hexachlorobenzene	10.96	284	169697	19.842	ng		92
69) Atrazine	11.05	200	112227	18.403	ng		99
70) Pentachlorophenol	11.15	266	92293	23.621	ng		99
71) Phenanthrene	11.37	178	748490	21.938	ng		99
72) Anthracene	11.43	178	778245	23.192	ng		98
73) Carbazole	11.58	167	690486	21.339	ng		99
74) Di-n-butylphthalate	11.92	149	810633	22.551	ng		98
75) Fluoranthene	12.56	202	797215	21.681	ng		99
77) Benzidine	12.68	184	411057	32.578	ng		99
78) Pyrene	12.79	202	837817	20.277	ng		98
80) Butylbenzylphthalate	13.41	149	334483	21.013	ng		94
81) Benzo(a)anthracene	13.97	228	728626	20.631	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	290022	22.420	ng		98
83) Chrysene	14.01	228	735071	20.804	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	464777	22.607	ng	#	98
85) Di-n-octyl phthalate	14.58	149	814127	23.367	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	750174	21.258	ng		99
88) Benzo(b)fluoranthene	15.02	252	708624	18.993	ng		99
89) Benzo(k)fluoranthene	15.04	252	725805	20.915	ng		98
90) Benzo(a)pyrene	15.37	252	642575	19.153	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	628433	21.755	ng		99
92) Benzo(g,h,i)perylene	17.31	276	607879	21.845	ng		99

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

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