Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102820\
Data File : BF122141.D
Acq On : 28 Oct 2020 10:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/29/2020 10:44:45 AM

Quant Time: Oct 28 10:55:46 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	104157	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	390459	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	205356	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	380705	20.00	ng		0.00
76) Chrysene-d12	13.880	240	247435	20.00	ng		0.00
86) Perylene-d12	15.315	264	187764	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	572150	81.07	ng		0.00
7) Phenol-d6	6.375	99	692642	76.24	ng		0.00
23) Nitrobenzene-d5	7.292	82	608232	79.89	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	206775	81.40	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1045057	74.88	ng		0.00
79) Terphenyl-d14	12.821	244	1143018	88.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.363	88	115321	37.15	ng		98
3) Pyridine	3.081	79	317656	38.92	ng		95
4) n-Nitrosodimethylamine	3.051	42	159900	40.54	ng		93
6) Aniline	6.386	93	423403	37.85	ng	#	40
8) 2-Chlorophenol	6.510	128	282344	39.58	ng		99
9) Benzaldehyde	6.275	77	202206	40.69	ng		98
10) Phenol	6.386	94	360522	38.45	ng	#	73
11) bis(2-Chloroethyl)ether	6.457	93	281378	38.82	ng		100
12) 1,3-Dichlorobenzene	6.657	146	314304	39.17	ng		98
13) 1,4-Dichlorobenzene	6.733	146	315527	39.17	ng		99
14) 1,2-Dichlorobenzene	6.886	146	288204	39.14	ng		97
15) Benzyl Alcohol	6.875	79	245179	41.73	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.998	45	424480	38.06	ng		53
17) 2-Methylphenol	6.992	107	230856	37.85	ng	#	88
18) Hexachloroethane	7.222	117	116776	40.13	ng		95
19) n-Nitroso-di-n-propyla...	7.139	70	209354	40.48	ng		99
20) 3+4-Methylphenols	7.151	107	304412	41.39	ng	#	62
22) Acetophenone	7.133	105	406163	40.43	ng	#	89
24) Nitrobenzene	7.310	77	326948	40.18	ng		99
25) Isophorone	7.551	82	575189	39.95	ng		98
26) 2-Nitrophenol	7.628	139	151391	40.40	ng		99
27) 2,4-Dimethylphenol	7.669	122	247345	38.72	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	354475	39.36	ng		100
29) 2,4-Dichlorophenol	7.875	162	241586	40.38	ng		99
30) 1,2,4-Trichlorobenzene	7.945	180	248438	39.06	ng		100
31) Naphthalene	8.022	128	811756	38.81	ng		100
32) Benzoic acid	7.839	122	111919	33.43	ng		96
33) 4-Chloroaniline	8.080	127	356842	40.05	ng		99
34) Hexachlorobutadiene	8.133	225	152618	40.46	ng		99
35) Caprolactam	8.469	113	77332m	40.70	ng		
36) 4-Chloro-3-methylphenol	8.575	107	260527	40.55	ng		99
37) 2-Methylnaphthalene	8.710	142	530567	39.16	ng		98
38) 1-Methylnaphthalene	8.810	142	487198	38.84	ng		99
40) 1,2,4,5-Tetrachloroben...	8.880	216	259206	39.11	ng		99
41) Hexachlorocyclopentadiene	8.857	237	43089	35.04	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	159592	39.02	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	164169	37.17	ng		97
46) 1,1'-Biphenyl	9.175	154	642967	38.51	ng		99
47) 2-Chloronaphthalene	9.204	162	498687	38.40	ng		98
48) 2-Nitroaniline	9.310	65	175514	40.98	ng		95
49) Acenaphthylene	9.616	152	749292	37.57	ng		100
50) Dimethylphthalate	9.480	163	584665	38.94	ng		99
51) 2,6-Dinitrotoluene	9.551	165	130973	39.76	ng		95
52) Acenaphthene	9.786	154	455966	38.44	ng		99
53) 3-Nitroaniline	9.727	138	146198	39.03	ng		98
54) 2,4-Dinitrophenol	9.851	184	48179	34.24	ng	#	80
55) Dibenzofuran	9.957	168	668820	38.55	ng		97
56) 4-Nitrophenol	9.916	139	69264	33.99	ng		88
57) 2,4-Dinitrotoluene	9.963	165	164999	40.69	ng	#	86
58) Fluorene	10.304	166	546574	39.10	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	138386	40.50	ng		97
60) Diethylphthalate	10.174	149	584666	40.38	ng		98
61) 4-Chlorophenyl-phenyle...	10.292	204	268080	39.99	ng		99
62) 4-Nitroaniline	10.345	138	135553	36.22	ng		92
63) Azobenzene	10.451	77	609017	39.77	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	92267	37.26	ng		98
66) n-Nitrosodiphenylamine	10.416	169	508022	38.74	ng		99
67) 4-Bromophenyl-phenylether	10.780	248	173947	39.55	ng		97
68) Hexachlorobenzene	10.851	284	194457	39.06	ng		98
69) Atrazine	10.945	200	129741	40.46	ng		98
70) Pentachlorophenol	11.063	266	64854	37.79	ng		99
71) Phenanthrene	11.263	178	803581	38.50	ng		100
72) Anthracene	11.316	178	828808	38.28	ng		100
73) Carbazole	11.474	167	733287	38.09	ng		99
74) Di-n-butylphthalate	11.798	149	878271	39.66	ng		99
75) Fluoranthene	12.451	202	838797	37.48	ng		98
77) Benzidine	12.580	184	270430	35.45	ng		99
78) Pyrene	12.680	202	833022	44.18	ng		99
80) Butylbenzylphthalate	13.292	149	328737	43.96	ng		98
81) Benzo(a)anthracene	13.868	228	651218	40.16	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	229538	38.16	ng		99
83) Chrysene	13.909	228	631162	39.65	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	431253	42.48	ng		99
85) Di-n-octyl phthalate	14.457	149	638484	38.88	ng		99
87) Indeno(1,2,3-cd)pyrene	16.721	276	531405	43.59	ng		98
88) Benzo(b)fluoranthene	14.904	252	522155	41.14	ng		99
89) Benzo(k)fluoranthene	14.933	252	520852	43.20	ng		100
90) Benzo(a)pyrene	15.256	252	459625	41.93	ng		99
91) Dibenzo(a,h)anthracene	16.721	278	439641	43.80	ng		99
92) Benzo(g,h,i)perylene	17.145	276	459027	45.69	ng		97

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

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