Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117508.D
Acq On : 24 Oct 2019 14:17
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/26/2019 10:02:33 AM

Quant Time: Oct 25 01:12:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48579	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	209714	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	111179	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	175649	20.00	ng		0.00
76) Chrysene-d12	13.90	240	115421	20.00	ng		0.00
87) Perylene-d12	15.33	264	94847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	270357	82.80	ng		0.00
7) Phenol-d6	6.39	99	365404	83.32	ng		0.00
23) Nitrobenzene-d5	7.30	82	354981	83.56	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	79126	82.25	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	637125	80.74	ng		0.00
79) Terphenyl-d14	12.84	244	598652	84.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	55150	40.171	ng		100
3) Pyridine	3.12	79	137739	40.984	ng		96
4) n-Nitrosodimethylamine	3.08	42	47326	38.816	ng		98
6) Aniline	6.40	93	217035	42.152	ng	#	52
8) 2-Chlorophenol	6.53	128	146402	42.489	ng		96
9) Benzaldehyde	6.29	77	96536	47.412	ng		96
10) Phenol	6.40	94	185508	41.443	ng		98
11) bis(2-Chloroethyl)ether	6.47	93	137217	41.444	ng		98
12) 1,3-Dichlorobenzene	6.67	146	159519	41.486	ng		98
13) 1,4-Dichlorobenzene	6.75	146	162314	41.612	ng		97
14) 1,2-Dichlorobenzene	6.90	146	154050	41.897	ng		98
15) Benzyl Alcohol	6.89	79	133444	42.588	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	154352	43.215	ng		64
17) 2-Methylphenol	7.00	107	116197	40.994	ng		92
18) Hexachloroethane	7.24	117	63488	41.700	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	115607	43.162	ng		98
20) 3+4-Methylphenols	7.16	107	157455	42.368	ng		96
22) Acetophenone	7.15	105	230046	41.311	ng		97
24) Nitrobenzene	7.32	77	173698	42.691	ng		99
25) Isophorone	7.56	82	306276	41.678	ng		98
26) 2-Nitrophenol	7.64	139	75605	41.664	ng		99
27) 2,4-Dimethylphenol	7.68	122	113352	41.797	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	192639	42.483	ng		99
29) 2,4-Dichlorophenol	7.89	162	119599	42.046	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	128524	42.104	ng		99
31) Naphthalene	8.04	128	435448	41.891	ng		98
32) Benzoic acid	7.85	122	61985	33.370	ng		94
33) 4-Chloroaniline	8.09	127	184911	42.150	ng		98
34) Hexachlorobutadiene	8.16	225	72352	40.951	ng		95
35) Caprolactam	8.48	113	39826	43.584	ng		89
36) 4-Chloro-3-methylphenol	8.59	107	138729	42.764	ng		99
37) 2-Methylnaphthalene	8.73	142	294017	41.977	ng		100
38) 1-Methylnaphthalene	8.83	142	274774	41.748	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	120727	40.317	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	16204	32.092	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	76810	40.960	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	79708	41.947	ng		95
46) 1,1'-Biphenyl	9.19	154	375514	40.798	ng		99
47) 2-Chloronaphthalene	9.22	162	287189	41.383	ng		97
48) 2-Nitroaniline	9.32	65	94406	41.439	ng		92
49) Acenaphthylene	9.63	152	420962	41.298	ng		99
50) Dimethylphthalate	9.49	163	324773	40.976	ng		99
51) 2,6-Dinitrotoluene	9.56	165	70005	42.326	ng		93
52) Acenaphthene	9.80	154	256251	40.975	ng		99
53) 3-Nitroaniline	9.74	138	85056	42.385	ng		91
54) 2,4-Dinitrophenol	9.86	184	22795	35.943	ng		92
55) Dibenzofuran	9.97	168	372301	41.090	ng		98
56) 4-Nitrophenol	9.93	139	27501	32.365	ng		97
57) 2,4-Dinitrotoluene	9.97	165	90046	40.950	ng		91
58) Fluorene	10.32	166	309118	41.255	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	59477m	39.824	ng		
60) Diethylphthalate	10.19	149	332347	41.457	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	138039	41.063	ng		99
62) 4-Nitroaniline	10.36	138	79102	41.820	ng		98
63) Azobenzene	10.47	77	340828	41.531	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	36985	41.415	ng		91
66) n-Nitrosodiphenylamine	10.43	169	266857	41.558	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	79453	41.995	ng		98
68) Hexachlorobenzene	10.87	284	83124	41.025	ng	#	84
69) Atrazine	10.96	200	63561	38.905	ng		98
70) Pentachlorophenol	11.07	266	24842	40.898	ng		96
71) Phenanthrene	11.28	178	426880	41.854	ng		99
72) Anthracene	11.33	178	427324	40.833	ng		99
73) Carbazole	11.49	167	395392	41.343	ng		99
74) Di-n-butylphthalate	11.81	149	542680	42.467	ng		100
75) Fluoranthene	12.47	202	417964	40.936	ng		99
77) Benzidine	12.59	184	156995	52.478	ng		99
78) Pyrene	12.70	202	422616	42.628	ng		99
80) Butylbenzylphthalate	13.30	149	217751	44.138	ng		100
81) Benzo(a)anthracene	13.89	228	326679	41.959	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	110969	45.422	ng		96
83) Chrysene	13.92	228	319223	41.836	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	305606	44.221	ng	#	97
85) Di-n-octyl phthalate	14.47	149	466875	43.939	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	211668	37.155	ng		99
88) Benzo(b)fluoranthene	14.92	252	239155	42.700	ng		98
89) Benzo(k)fluoranthene	14.94	252	240294	41.859	ng		98
90) Benzo(a)pyrene	15.27	252	215719	42.362	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	177342	40.276	ng		98
92) Benzo(g,h,i)perylene	17.16	276	169371	40.654	ng		99

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

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