Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125839.D
Acq On : 14 Oct 2021 11:23
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/18/2021 8:34:03 AM

Quant Time: Oct 14 12:30:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	183717	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	705228	20.00	ng		# 0.00
39) Acenaphthene-d10	9.869	164	365263	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	624298	20.00	ng		# 0.00
76) Chrysene-d12	13.986	240	398677	20.00	ng		0.00
86) Perylene-d12	15.439	264	318292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	907671	80.71	ng		0.00
7) Phenol-d6	6.463	99	1169013	80.75	ng		0.00
23) Nitrobenzene-d5	7.398	82	934650	82.38	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	304454	84.42	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1754257	82.84	ng		0.00
79) Terphenyl-d14	12.933	244	1746354	66.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	193886	40.49	ng	#	100
3) Pyridine	3.328	79	515025	41.57	ng	#	71
4) n-Nitrosodimethylamine	3.275	42	180694	40.52	ng	#	1
6) Aniline	6.498	93	673146	40.39	ng		95
8) 2-Chlorophenol	6.622	128	491225	39.88	ng		99
9) Benzaldehyde	6.387	77	302952	38.56	ng		95
10) Phenol	6.481	94	610420	43.36	ng		88
11) bis(2-Chloroethyl)ether	6.575	93	438846	38.47	ng		95
12) 1,3-Dichlorobenzene	6.781	146	526964m	39.22	ng		
13) 1,4-Dichlorobenzene	6.857	146	533074	38.90	ng		98
14) 1,2-Dichlorobenzene	7.010	146	503628	39.24	ng		99
15) Benzyl Alcohol	6.975	79	385315	40.16	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.116	45	535682	36.72	ng		86
17) 2-Methylphenol	7.087	107	384201	39.18	ng		98
18) Hexachloroethane	7.351	117	182609	38.70	ng		92
19) n-Nitroso-di-n-propyla...	7.251	70	289477	37.88	ng	#	68
20) 3+4-Methylphenols	7.239	107	480936	39.77	ng		93
22) Acetophenone	7.245	105	607800	39.21	ng	#	93
24) Nitrobenzene	7.416	77	449002	40.84	ng		96
25) Isophorone	7.657	82	776801	38.65	ng		94
26) 2-Nitrophenol	7.734	139	251833	45.29	ng	#	92
27) 2,4-Dimethylphenol	7.769	122	371191	40.09	ng		94
28) bis(2-Chloroethoxy)met...	7.869	93	530662	38.04	ng		98
29) 2,4-Dichlorophenol	7.975	162	403092	40.41	ng		99
30) 1,2,4-Trichlorobenzene	8.057	180	421646	38.55	ng		98
31) Naphthalene	8.139	128	1357782	39.82	ng		99
32) Benzoic acid	7.881	122	309922	47.60	ng		99
33) 4-Chloroaniline	8.186	127	576957	40.43	ng		99
34) Hexachlorobutadiene	8.257	225	231681	37.92	ng		99
35) Caprolactam	8.557	113	129389	44.90	ng	#	78
36) 4-Chloro-3-methylphenol	8.663	107	404271	41.49	ng		99
37) 2-Methylnaphthalene	8.828	142	865894	39.21	ng		99
38) 1-Methylnaphthalene	8.928	142	852844	39.80	ng		97
40) 1,2,4,5-Tetrachloroben...	8.998	216	380141	38.78	ng		98
41) Hexachlorocyclopentadiene	8.986	237	180046	37.42	ng		98
43) 2,4,6-Trichlorophenol	9.104	196	288936	40.67	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	308188	40.79	ng	#	91
46) 1,1'-Biphenyl	9.292	154	1064684	39.65	ng		98
47) 2-Chloronaphthalene	9.316	162	861752	39.52	ng		98
48) 2-Nitroaniline	9.410	65	235603	45.01	ng		93
49) Acenaphthylene	9.733	152	1297729	40.64	ng		99
50) Dimethylphthalate	9.592	163	963763	40.08	ng		98
51) 2,6-Dinitrotoluene	9.651	165	212259	43.67	ng		95
52) Acenaphthene	9.904	154	818306	41.02	ng		98
53) 3-Nitroaniline	9.822	138	260694	45.36	ng		93
54) 2,4-Dinitrophenol	9.922	184	105898	51.33	ng	#	78
55) Dibenzofuran	10.075	168	1212031	40.56	ng		95
56) 4-Nitrophenol	9.975	139	209235	48.84	ng	#	87
57) 2,4-Dinitrotoluene	10.057	165	286105	46.56	ng	#	76
58) Fluorene	10.416	166	882722	40.33	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	238592	41.84	ng	#	89
60) Diethylphthalate	10.292	149	916909	39.97	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	404059	38.32	ng		89
62) 4-Nitroaniline	10.433	138	254732	47.97	ng	#	73
63) Azobenzene	10.569	77	851658	39.49	ng	#	85
65) 4,6-Dinitro-2-methylph...	10.463	198	158861	51.01	ng	#	72
66) n-Nitrosodiphenylamine	10.528	169	812835	38.17	ng		97
67) 4-Bromophenyl-phenylether	10.898	248	253724	36.70	ng		96
68) Hexachlorobenzene	10.969	284	294310	37.56	ng	#	83
69) Atrazine	11.051	200	248747	40.24	ng		93
70) Pentachlorophenol	11.157	266	176824	42.22	ng		95
71) Phenanthrene	11.380	178	1318277	39.47	ng		98
72) Anthracene	11.427	178	1315890	39.44	ng		98
73) Carbazole	11.580	167	1324968	42.67	ng		99
74) Di-n-butylphthalate	11.916	149	1362541	39.75	ng		99
75) Fluoranthene	12.563	202	1317623	43.72	ng		96
77) Benzidine	12.680	184	526815	36.11	ng		98
78) Pyrene	12.792	202	1341898	33.13	ng		96
80) Butylbenzylphthalate	13.410	149	527968	40.67	ng		99
81) Benzo(a)anthracene	13.974	228	1010776	39.08	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	335604	41.06	ng		99
83) Chrysene	14.016	228	1003802	39.26	ng		97
84) Bis(2-ethylhexyl)phtha...	13.968	149	601436	42.58	ng		99
85) Di-n-octyl phthalate	14.580	149	886892	37.68	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.886	276	895990	36.88	ng		98
88) Benzo(b)fluoranthene	15.015	252	778052	43.30	ng		98
89) Benzo(k)fluoranthene	15.045	252	803670	43.56	ng	#	97
90) Benzo(a)pyrene	15.374	252	667958	41.97	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	732131	36.53	ng		97
92) Benzo(g,h,i)perylene	17.321	276	765713	37.42	ng		95

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

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