Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031721\
Data File : BF123372.D
Acq On : 17 Mar 2021 18:00
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Mar 17 18:30:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 17 18:26:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	226261	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	900316	20.00	ng		0.00
39) Acenaphthene-d10	9.833	164	432293	20.00	ng		0.00
64) Phenanthrene-d10	11.322	188	713022	20.00	ng	#	0.00
76) Chrysene-d12	13.974	240	431022	20.00	ng	#	0.00
86) Perylene-d12	15.415	264	330565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1158670	73.71	ng		0.00
7) Phenol-d6	6.445	99	1421863	66.58	ng		0.00
23) Nitrobenzene-d5	7.363	82	1184885	60.25	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	235917	53.60	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1762755	58.57	ng		0.00
79) Terphenyl-d14	12.916	244	1507941	67.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	285383	31.46	ng	#	86
3) Pyridine	3.228	79	772171	34.93	ng		88
4) n-Nitrosodimethylamine	3.181	42	347067	33.96	ng		95
6) Aniline	6.463	93	845356	33.51	ng	#	88
8) 2-Chlorophenol	6.587	128	629886	37.30	ng		98
9) Benzaldehyde	6.345	77	356822	29.34	ng		95
10) Phenol	6.457	94	754325	32.41	ng		82
11) bis(2-Chloroethyl)ether	6.534	93	640568	38.37	ng		97
12) 1,3-Dichlorobenzene	6.734	146	651454	37.08	ng		98
13) 1,4-Dichlorobenzene	6.810	146	651477	36.39	ng		97
14) 1,2-Dichlorobenzene	6.969	146	591357	35.51	ng		99
15) Benzyl Alcohol	6.945	79	450829	27.08	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1051093	45.91	ng		95
17) 2-Methylphenol	7.057	107	501350	35.30	ng		97
18) Hexachloroethane	7.304	117	238573	36.89	ng	#	85
19) n-Nitroso-di-n-propyla...	7.216	70	387760	30.52	ng	#	85
20) 3+4-Methylphenols	7.216	107	564168	30.25	ng	#	77
22) Acetophenone	7.204	105	740879	31.72	ng	#	95
24) Nitrobenzene	7.381	77	654163	31.55	ng		98
25) Isophorone	7.622	82	1241483	33.76	ng		98
26) 2-Nitrophenol	7.698	139	364355	41.94	ng	#	85
27) 2,4-Dimethylphenol	7.739	122	510002	37.93	ng		94
28) bis(2-Chloroethoxy)met...	7.828	93	714977	37.14	ng		99
29) 2,4-Dichlorophenol	7.945	162	504269	36.32	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	477446	31.63	ng		99
31) Naphthalene	8.104	128	1702301	34.50	ng		100
32) Benzoic acid	7.887	122	421801	42.53	ng		90
33) 4-Chloroaniline	8.151	127	760228	37.86	ng		97
34) Hexachlorobutadiene	8.216	225	231590	27.20	ng		99
35) Caprolactam	8.534	113	184351	39.57	ng	#	71
36) 4-Chloro-3-methylphenol	8.645	107	533147	32.30	ng		95
37) 2-Methylnaphthalene	8.792	142	1128302	34.33	ng		98
38) 1-Methylnaphthalene	8.892	142	1064245	34.62	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	382316	29.60	ng	#	97
41) Hexachlorocyclopentadiene	8.945	237	148712	24.57	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	317386	34.64	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	347775	35.47	ng		98
46) 1,1'-Biphenyl	9.257	154	1205141	33.61	ng		98
47) 2-Chloronaphthalene	9.281	162	1010914	35.73	ng		99
48) 2-Nitroaniline	9.381	65	368107	36.31	ng		89
49) Acenaphthylene	9.698	152	1565189	36.47	ng		100
50) Dimethylphthalate	9.563	163	1173304	36.29	ng		99
51) 2,6-Dinitrotoluene	9.622	165	290855	39.04	ng	#	90
52) Acenaphthene	9.869	154	914896	30.92	ng		99
53) 3-Nitroaniline	9.798	138	366321	44.30	ng		96
54) 2,4-Dinitrophenol	9.904	184	160966	41.13	ng		93
55) Dibenzofuran	10.045	168	1343375	33.53	ng		98
56) 4-Nitrophenol	9.969	139	271725	41.24	ng		88
57) 2,4-Dinitrotoluene	10.028	165	372124	37.14	ng		97
58) Fluorene	10.386	166	991785	31.45	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	251468	32.15	ng	#	83
60) Diethylphthalate	10.263	149	1114725	34.82	ng		97
61) 4-Chlorophenyl-phenyle...	10.375	204	407238	27.13	ng		90
62) 4-Nitroaniline	10.416	138	369883	44.44	ng	#	79
63) Azobenzene	10.539	77	1181763	32.04	ng		94
65) 4,6-Dinitro-2-methylph...	10.439	198	210695	43.90	ng	#	69
66) n-Nitrosodiphenylamine	10.498	169	937081	38.00	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	253072	32.56	ng		94
68) Hexachlorobenzene	10.933	284	261656	31.96	ng	#	84
69) Atrazine	11.028	200	259304	33.28	ng		96
70) Pentachlorophenol	11.133	266	162368	31.40	ng		97
71) Phenanthrene	11.351	178	1442298	34.21	ng		100
72) Anthracene	11.404	178	1454513	34.57	ng		99
73) Carbazole	11.557	167	1527544	38.55	ng		99
74) Di-n-butylphthalate	11.886	149	1713321	38.68	ng		99
75) Fluoranthene	12.539	202	1440099	32.22	ng		97
77) Benzidine	12.663	184	588557	42.27	ng		98
78) Pyrene	12.769	202	1460403	43.40	ng		100
80) Butylbenzylphthalate	13.386	149	724371	50.92	ng		95
81) Benzo(a)anthracene	13.963	228	1044641	35.66	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	372810	38.29	ng	#	97
83) Chrysene	13.998	228	1086986	37.78	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	848136	43.31	ng	#	98
85) Di-n-octyl phthalate	14.563	149	1460202	43.64	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.851	276	813812	35.62	ng	#	85
88) Benzo(b)fluoranthene	14.998	252	957162	41.23	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	794134	37.73	ng	#	96
90) Benzo(a)pyrene	15.357	252	804910	38.88	ng	#	93
91) Dibenzo(a,h)anthracene	16.862	278	666517	34.01	ng	#	90
92) Benzo(g,h,i)perylene	17.286	276	711900	39.44	ng	#	88

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

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