Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031721\
Data File : BF123369.D
Acq On : 17 Mar 2021 16:24
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Mar 17 18:28:12 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	6.793	152	218473	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	883751	20.00	ng		# 0.00
39) Acenaphthene-d10	9.834	164	419869	20.00	ng		0.00
64) Phenanthrene-d10	11.322	188	694020	20.00	ng		# 0.00
76) Chrysene-d12	13.969	240	504824	20.00	ng		# 0.00
86) Perylene-d12	15.415	264	438422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	162882	10.73	ng		0.00
7) Phenol-d6	6.434	99	213653	10.36	ng		-0.01
23) Nitrobenzene-d5	7.351	82	161030	8.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	31747	7.43	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	12.904	244	286481	10.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	37832	4.32	ng		90
3) Pyridine	3.252	79	87506	4.10	ng		88
4) n-Nitrosodimethylamine	3.163	42	39997	4.05	ng	#	93
6) Aniline	6.451	93	124448	5.11	ng	#	74
8) 2-Chlorophenol	6.581	128	88808	5.45	ng		98
9) Benzaldehyde	6.340	77	61415	5.23	ng		97
10) Phenol	6.445	94	118249	5.26	ng		96
11) bis(2-Chloroethyl)ether	6.522	93	84997	5.27	ng		96
12) 1,3-Dichlorobenzene	6.734	146	91199	5.38	ng		97
13) 1,4-Dichlorobenzene	6.810	146	91440	5.29	ng		99
14) 1,2-Dichlorobenzene	6.963	146	89958	5.59	ng		95
15) Benzyl Alcohol	6.940	79	66906	4.16	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.069	45	143677	6.50	ng		96
17) 2-Methylphenol	7.057	107	68701	5.01	ng		96
18) Hexachloroethane	7.304	117	31783	5.09	ng		89
19) n-Nitroso-di-n-propyla...	7.198	70	58186	4.74	ng	#	86
20) 3+4-Methylphenols	7.210	107	93146	5.17	ng	#	69
22) Acetophenone	7.198	105	113491	4.95	ng		97
24) Nitrobenzene	7.369	77	88457	4.35	ng		98
25) Isophorone	7.610	82	162072	4.49	ng	#	98
26) 2-Nitrophenol	7.692	139	43408	5.09	ng	#	86
27) 2,4-Dimethylphenol	7.734	122	69727	5.28	ng		93
28) bis(2-Chloroethoxy)met...	7.822	93	96101	5.09	ng		98
29) 2,4-Dichlorophenol	7.945	162	66450	4.88	ng		96
30) 1,2,4-Trichlorobenzene	8.016	180	68176	4.60	ng		98
31) Naphthalene	8.098	128	256050	5.29	ng		98
32) Benzoic acid	7.845	122	29922	3.07	ng		89
33) 4-Chloroaniline	8.151	127	103100	5.23	ng		97
34) Hexachlorobutadiene	8.216	225	32947	3.94	ng		100
35) Caprolactam	8.487	113	21162	4.63	ng	#	77
36) 4-Chloro-3-methylphenol	8.634	107	69247	4.27	ng		98
37) 2-Methylnaphthalene	8.787	142	168092	5.21	ng		97
38) 1-Methylnaphthalene	8.886	142	158978	5.27	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	54670	4.36	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	40531	4.56	ng		98
44) 2,4,5-Trichlorophenol	9.122	196	44035	4.62	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.251	154	183674	5.27	ng		96
47) 2-Chloronaphthalene	9.275	162	146771	5.34	ng		98
48) 2-Nitroaniline	9.375	65	44788	4.55	ng		91
49) Acenaphthylene	9.692	152	232616	5.58	ng		98
50) Dimethylphthalate	9.551	163	164536	5.24	ng		97
51) 2,6-Dinitrotoluene	9.610	165	36476	5.04	ng	#	88
52) Acenaphthene	9.863	154	137712	4.79	ng		100
53) 3-Nitroaniline	9.786	138	46584	5.80	ng		96
55) Dibenzofuran	10.033	168	213595	5.49	ng		97
56) 4-Nitrophenol	9.975	139	21574	3.37	ng		89
57) 2,4-Dinitrotoluene	10.016	165	48749	5.01	ng	#	94
58) Fluorene	10.381	166	162759	5.31	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	29703	3.91	ng	#	79
60) Diethylphthalate	10.251	149	160625	5.17	ng		96
61) 4-Chlorophenyl-phenyle...	10.375	204	64838	4.45	ng		99
62) 4-Nitroaniline	10.392	138	45464	5.62	ng	#	79
63) Azobenzene	10.533	77	172462	4.81	ng		95
65) 4,6-Dinitro-2-methylph...	10.433	198	18432	3.95	ng		84
66) n-Nitrosodiphenylamine	10.486	169	139068	5.79	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	35930	4.75	ng		96
68) Hexachlorobenzene	10.928	284	37636	4.72	ng	#	80
69) Atrazine	11.016	200	36115	4.76	ng		96
71) Phenanthrene	11.345	178	235060	5.73	ng		98
72) Anthracene	11.392	178	233063	5.69	ng		98
73) Carbazole	11.551	167	231799	6.01	ng		98
74) Di-n-butylphthalate	11.886	149	263189	6.10	ng	#	96
75) Fluoranthene	12.533	202	224828	5.17	ng		96
77) Benzidine	12.657	184	114837	7.04	ng		98
78) Pyrene	12.763	202	232877	5.91	ng		98
80) Butylbenzylphthalate	13.386	149	106472	6.39	ng		94
81) Benzo(a)anthracene	13.957	228	184861	5.39	ng		95
82) 3,3'-Dichlorobenzidine	13.916	252	60778	5.33	ng	#	96
83) Chrysene	13.992	228	190263	5.65	ng		100
84) Bis(2-ethylhexyl)phtha...	13.945	149	143185	6.24	ng	#	98
85) Di-n-octyl phthalate	14.557	149	235398	6.01	ng		96
87) Indeno(1,2,3-cd)pyrene	16.839	276	141331	4.66	ng	#	84
88) Benzo(b)fluoranthene	14.992	252	160446	5.21	ng	#	92
89) Benzo(k)fluoranthene	15.021	252	163286	5.85	ng	#	97
90) Benzo(a)pyrene	15.351	252	145879	5.31	ng	#	94
91) Dibenzo(a,h)anthracene	16.857	278	117564	4.52	ng	#	90
92) Benzo(g,h,i)perylene	17.268	276	115502	4.82	ng	#	87

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

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