Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010521\
Data File : BF122923.D
Acq On : 5 Jan 2021 15:16
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
1/6/2021 12:02:15 PM

Quant Time: Jan 05 15:40:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 05 14:20:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	111625	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	389545	20.00	ng		0.00
39) Acenaphthene-d10	9.857	164	211946	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	395565	20.00	ng		0.00
76) Chrysene-d12	14.004	240	312737	20.00	ng		# 0.01
86) Perylene-d12	15.463	264	291142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	931169	132.07	ng		0.01
7) Phenol-d6	6.463	99	1186718	126.91	ng		0.02
23) Nitrobenzene-d5	7.387	82	1076651	138.48	ng		0.01
42) 2,4,6-Tribromophenol	10.651	330	385666	139.01	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1887753	120.47	ng		0.01
79) Terphenyl-d14	12.939	244	2285734	127.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	222178	67.04	ng		97
3) Pyridine	3.263	79	577881	65.97	ng		98
4) n-Nitrosodimethylamine	3.240	42	236119	67.22	ng		91
6) Aniline	6.481	93	687232	62.43	ng		92
8) 2-Chlorophenol	6.598	128	506982	65.24	ng		99
10) Phenol	6.475	94	598842	61.80	ng		83
11) bis(2-Chloroethyl)ether	6.551	93	482742	65.21	ng		98
12) 1,3-Dichlorobenzene	6.751	146	603981	65.68	ng		99
13) 1,4-Dichlorobenzene	6.828	146	601284	64.85	ng		99
14) 1,2-Dichlorobenzene	6.981	146	543983	60.78	ng		97
15) Benzyl Alcohol	6.963	79	406749	63.17	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.087	45	581524	55.09	ng		78
17) 2-Methylphenol	7.075	107	408399	66.11	ng	#	92
18) Hexachloroethane	7.316	117	223135	67.53	ng		93
19) n-Nitroso-di-n-propyla...	7.240	70	337990	63.10	ng		99
20) 3+4-Methylphenols	7.234	107	475325	60.91	ng		98
22) Acetophenone	7.228	105	659407	68.08	ng	#	94
24) Nitrobenzene	7.404	77	524065	67.76	ng		99
25) Isophorone	7.645	82	922840	68.91	ng		97
26) 2-Nitrophenol	7.716	139	281045	74.50	ng		94
27) 2,4-Dimethylphenol	7.757	122	382642	69.21	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	613341	66.88	ng		99
29) 2,4-Dichlorophenol	7.963	162	445785	69.04	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	499811	68.32	ng		99
31) Naphthalene	8.122	128	1449858	67.45	ng		99
32) Benzoic acid	7.934	122	331755	75.30	ng		99
33) 4-Chloroaniline	8.175	127	613711	68.29	ng		100
34) Hexachlorobutadiene	8.234	225	305261	67.80	ng		100
35) Caprolactam	8.575	113	142504m	73.28	ng		
36) 4-Chloro-3-methylphenol	8.669	107	454321	71.43	ng		97
37) 2-Methylnaphthalene	8.810	142	970252	68.23	ng		98
38) 1-Methylnaphthalene	8.910	142	907100	67.44	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	469004	66.81	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	324394	66.91	ng		97
44) 2,4,5-Trichlorophenol	9.145	196	330732	65.99	ng		97
46) 1,1'-Biphenyl	9.281	154	1155935	65.72	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.304	162	968618	66.46	ng		100
48) 2-Nitroaniline	9.404	65	300709	70.77	ng		90
49) Acenaphthylene	9.722	152	1390973	64.62	ng		100
50) Dimethylphthalate	9.586	163	1182984	69.89	ng		99
51) 2,6-Dinitrotoluene	9.651	165	254835	71.28	ng		93
52) Acenaphthene	9.892	154	854628	61.37	ng		97
53) 3-Nitroaniline	9.822	138	300324	72.70	ng		95
55) Dibenzofuran	10.063	168	1221812	62.37	ng		97
56) 4-Nitrophenol	9.992	139	188169	63.88	ng		85
57) 2,4-Dinitrotoluene	10.063	165	313361	65.81	ng	#	87
58) Fluorene	10.410	166	980852	62.95	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	294299	66.84	ng		99
60) Diethylphthalate	10.286	149	1128576	68.55	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	492563	64.20	ng		99
62) 4-Nitroaniline	10.445	138	312640	74.56	ng		98
63) Azobenzene	10.557	77	988539	65.32	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	190610	79.02	ng		95
66) n-Nitrosodiphenylamine	10.522	169	921918	65.96	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	353076	65.87	ng		100
68) Hexachlorobenzene	10.963	284	392744	66.28	ng		97
69) Atrazine	11.051	200	279392	61.55	ng		99
70) Pentachlorophenol	11.157	266	190232	60.59	ng		99
71) Phenanthrene	11.375	178	1517303	64.54	ng		100
72) Anthracene	11.428	178	1509333	64.75	ng		99
73) Carbazole	11.580	167	1406651	66.54	ng		99
74) Di-n-butylphthalate	11.904	149	1733865	65.27	ng		100
75) Fluoranthene	12.569	202	1601607	64.97	ng		97
77) Benzidine	12.686	184	574569	84.94	ng		99
78) Pyrene	12.798	202	1614355	66.77	ng		100
80) Butylbenzylphthalate	13.410	149	752614	69.10	ng		100
81) Benzo(a)anthracene	13.992	228	1487109	71.15	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	473196	63.21	ng		98
83) Chrysene	14.033	228	1388120	66.74	ng		100
84) Bis(2-ethylhexyl)phtha...	13.969	149	1013141	67.93	ng		100
85) Di-n-octyl phthalate	14.586	149	1675935	67.74	ng		98
87) Indeno(1,2,3-cd)pyrene	16.945	276	1286039	67.29	ng		98
88) Benzo(b)fluoranthene	15.045	252	1434061	70.20	ng		99
89) Benzo(k)fluoranthene	15.074	252	1287227	68.92	ng		99
90) Benzo(a)pyrene	15.410	252	1241419	69.47	ng		99
91) Dibenzo(a,h)anthracene	16.951	278	1049665	67.11	ng		98
92) Benzo(g,h,i)perylene	17.380	276	1030706	68.09	ng		98

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

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