Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022521\
Data File : BF123297.D
Acq On : 25 Feb 2021 13:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/26/2021 10:42:43 AM

Quant Time: Feb 25 14:39:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	143852	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	559867	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	286439	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	530497	20.00	ng		0.00
76) Chrysene-d12	14.045	240	400369	20.00	ng		0.00
86) Perylene-d12	15.515	264	332115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	766590	76.71	ng		0.00
7) Phenol-d6	6.498	99	1042695	76.80	ng		0.00
23) Nitrobenzene-d5	7.428	82	977785	79.95	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	236921	81.23	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1548032	77.63	ng		0.00
79) Terphenyl-d14	12.986	244	1750861	84.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	221476	38.40	ng		92
3) Pyridine	3.340	79	462867	32.94	ng		92
4) n-Nitrosodimethylamine	3.299	42	225439	34.69	ng		86
6) Aniline	6.522	93	604796	37.71	ng		93
8) 2-Chlorophenol	6.645	128	420741	39.18	ng		90
9) Benzaldehyde	6.410	77	290826	42.24	ng		91
10) Phenol	6.510	94	563782	38.10	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	411238	38.75	ng		97
12) 1,3-Dichlorobenzene	6.798	146	437163	39.14	ng	#	93
13) 1,4-Dichlorobenzene	6.875	146	444957	39.09	ng	#	93
14) 1,2-Dichlorobenzene	7.034	146	418311	39.51	ng		96
15) Benzyl Alcohol	7.004	79	430903	40.71	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	550256	37.80	ng		96
17) 2-Methylphenol	7.116	107	350245	38.78	ng		92
18) Hexachloroethane	7.375	117	172018	41.84	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	330073	40.86	ng		98
20) 3+4-Methylphenols	7.269	107	438611	36.99	ng		93
22) Acetophenone	7.275	105	567558	39.08	ng		96
24) Nitrobenzene	7.445	77	515230	39.96	ng		90
25) Isophorone	7.687	82	916804	40.09	ng		96
26) 2-Nitrophenol	7.757	139	225395	41.72	ng	#	87
27) 2,4-Dimethylphenol	7.798	122	324471	38.80	ng		90
28) bis(2-Chloroethoxy)met...	7.892	93	475631	39.74	ng		99
29) 2,4-Dichlorophenol	8.004	162	336929	39.03	ng		95
30) 1,2,4-Trichlorobenzene	8.086	180	374259	39.87	ng		99
31) Naphthalene	8.169	128	1205230	39.28	ng		99
32) Benzoic acid	7.934	122	214171	34.72	ng	#	85
33) 4-Chloroaniline	8.216	127	484189	38.78	ng	#	94
34) Hexachlorobutadiene	8.286	225	217075	41.00	ng		99
35) Caprolactam	8.598	113	111305	38.42	ng		89
36) 4-Chloro-3-methylphenol	8.698	107	407572	39.71	ng		90
37) 2-Methylnaphthalene	8.857	142	790533	38.68	ng		98
38) 1-Methylnaphthalene	8.957	142	743985	38.92	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	342597	40.03	ng		98
41) Hexachlorocyclopentadiene	9.010	237	159249	39.71	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	241261	39.74	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	255340	39.31	ng	#	91
46) 1,1'-Biphenyl	9.322	154	923346	38.86	ng		99
47) 2-Chloronaphthalene	9.351	162	734275	39.16	ng		99
48) 2-Nitroaniline	9.445	65	278318	41.43	ng	#	75
49) Acenaphthylene	9.763	152	1105673	38.88	ng		99
50) Dimethylphthalate	9.628	163	855980	39.96	ng		99
51) 2,6-Dinitrotoluene	9.686	165	200820	40.68	ng	#	68
52) Acenaphthene	9.939	154	777090m	39.63	ng		
53) 3-Nitroaniline	9.857	138	216284	39.47	ng	#	78
54) 2,4-Dinitrophenol	9.963	184	103586	39.95	ng	#	78
55) Dibenzofuran	10.110	168	1019655	38.41	ng		94
56) 4-Nitrophenol	10.022	139	161241	36.93	ng	#	67
57) 2,4-Dinitrotoluene	10.092	165	270890	40.81	ng	#	86
58) Fluorene	10.457	166	823197	39.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	206571	39.86	ng	#	82
60) Diethylphthalate	10.328	149	854114	40.27	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	394346	39.65	ng		96
62) 4-Nitroaniline	10.475	138	214781	38.94	ng	#	79
63) Azobenzene	10.604	77	952507	38.97	ng		93
65) 4,6-Dinitro-2-methylph...	10.504	198	153369	42.95	ng		83
66) n-Nitrosodiphenylamine	10.563	169	716911	39.08	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	232352	40.17	ng	#	87
68) Hexachlorobenzene	11.004	284	244314	40.10	ng	#	91
69) Atrazine	11.092	200	229527	39.59	ng		96
70) Pentachlorophenol	11.198	266	158170	41.12	ng		97
71) Phenanthrene	11.422	178	1211845	38.63	ng		99
72) Anthracene	11.469	178	1220479	38.99	ng		100
73) Carbazole	11.627	167	1126583	38.22	ng		99
74) Di-n-butylphthalate	11.957	149	1301905	39.50	ng		99
75) Fluoranthene	12.610	202	1269935	38.19	ng		100
77) Benzidine	12.733	184	476733	36.86	ng		100
78) Pyrene	12.839	202	1303665	41.71	ng		100
80) Butylbenzylphthalate	13.457	149	559057	42.31	ng		89
81) Benzo(a)anthracene	14.033	228	1078286	39.63	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	364191	40.26	ng		98
83) Chrysene	14.074	228	1056638	39.54	ng		100
84) Bis(2-ethylhexyl)phtha...	14.021	149	730995	40.19	ng		99
85) Di-n-octyl phthalate	14.633	149	1169729	37.64	ng		97
87) Indeno(1,2,3-cd)pyrene	16.998	276	829594	36.14	ng		98
88) Benzo(b)fluoranthene	15.086	252	1007560	43.20	ng		99
89) Benzo(k)fluoranthene	15.121	252	879066	41.57	ng		99
90) Benzo(a)pyrene	15.457	252	848890	40.81	ng		100
91) Dibenzo(a,h)anthracene	17.015	278	707001	35.90	ng		97
92) Benzo(g,h,i)perylene	17.451	276	659776	36.38	ng		98

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

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