Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
Data File : BF124408.D
Acq On : 22 Jun 2021 12:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/23/2021 4:43:29 PM

Quant Time: Jun 22 13:42:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	28117	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	102766	20.000	ng	#	0.00
39) Acenaphthene-d10	9.822	164	61042	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	116482	20.000	ng	#	0.00
76) Chrysene-d12	13.962	240	68739	20.000	ng		0.00
86) Perylene-d12	15.427	264	61649	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	177097	94.815	ng		-0.01
7) Phenol-d6	6.434	99	229006	91.214	ng		-0.01
23) Nitrobenzene-d5	7.357	82	230986	89.146	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	72957	84.361	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	456934	94.196	ng		0.00
79) Terphenyl-d14	12.904	244	515908	103.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	41368	50.609	ng	#	81
3) Pyridine	3.204	79	93445	44.637	ng	#	77
4) n-Nitrosodimethylamine	3.163	42	49304	39.636	ng	#	95
6) Aniline	6.451	93	122417	42.689	ng	#	52
8) 2-Chlorophenol	6.575	128	98587	47.435	ng		91
9) Benzaldehyde	6.334	77	55740	49.947	ng		98
10) Phenol	6.445	94	120231	44.312	ng	#	56
11) bis(2-Chloroethyl)ether	6.522	93	84642	42.792	ng		96
12) 1,3-Dichlorobenzene	6.722	146	110406	45.441	ng		97
13) 1,4-Dichlorobenzene	6.798	146	115242	47.286	ng		95
14) 1,2-Dichlorobenzene	6.957	146	109020	46.762	ng		96
15) Benzyl Alcohol	6.934	79	95729	42.296	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.063	45	113139	36.666	ng		58
17) 2-Methylphenol	7.051	107	73414	43.453	ng	#	89
18) Hexachloroethane	7.292	117	41105	42.829	ng	#	87
19) n-Nitroso-di-n-propyla...	7.204	70	75030	42.335	ng	#	81
20) 3+4-Methylphenols	7.204	107	102950	45.988	ng		91
22) Acetophenone	7.198	105	134217	45.814	ng	#	95
24) Nitrobenzene	7.375	77	114646	44.106	ng		98
25) Isophorone	7.610	82	202756	43.424	ng		99
26) 2-Nitrophenol	7.686	139	53969	46.479	ng		92
27) 2,4-Dimethylphenol	7.728	122	75549	46.142	ng		89
28) bis(2-Chloroethoxy)met...	7.816	93	98312	42.471	ng		97
29) 2,4-Dichlorophenol	7.933	162	89548	47.266	ng		92
30) 1,2,4-Trichlorobenzene	8.010	180	99227	46.735	ng		98
31) Naphthalene	8.092	128	273771	44.559	ng		98
32) Benzoic acid	7.880	122	41672	41.477	ng	#	88
33) 4-Chloroaniline	8.145	127	102319	44.773	ng		99
34) Hexachlorobutadiene	8.204	225	64293	42.870	ng		97
35) Caprolactam	8.522	113	26393m	50.709	ng		
36) 4-Chloro-3-methylphenol	8.639	107	91967	44.368	ng		86
37) 2-Methylnaphthalene	8.780	142	200354	46.501	ng		97
38) 1-Methylnaphthalene	8.880	142	185750	46.133	ng		96
40) 1,2,4,5-Tetrachloroben...	8.951	216	101116	46.754	ng	#	97
41) Hexachlorocyclopentadiene	8.933	237	20901	23.807	ng		91
43) 2,4,6-Trichlorophenol	9.069	196	60220	42.693	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	64866	42.838	ng		90
46) 1,1'-Biphenyl	9.245	154	242213	47.005	ng		98
47) 2-Chloronaphthalene	9.275	162	190074	45.318	ng		95
48) 2-Nitroaniline	9.375	65	72016	47.579	ng		95
49) Acenaphthylene	9.686	152	287802	47.206	ng		97
50) Dimethylphthalate	9.551	163	233184	46.172	ng		99
51) 2,6-Dinitrotoluene	9.616	165	55442	47.879	ng		91
52) Acenaphthene	9.857	154	190979	47.961	ng		96
53) 3-Nitroaniline	9.792	138	54730	50.500	ng		80
54) 2,4-Dinitrophenol	9.910	184	24535	43.134	ng	#	78
55) Dibenzofuran	10.033	168	295873	47.475	ng		97
56) 4-Nitrophenol	9.974	139	33117	42.758	ng		88
57) 2,4-Dinitrotoluene	10.027	165	75185	49.232	ng	#	88
58) Fluorene	10.374	166	235808	49.292	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	51412	41.898	ng		95
60) Diethylphthalate	10.251	149	230910	45.305	ng		95
61) 4-Chlorophenyl-phenyle...	10.369	204	119350	48.793	ng	#	88
62) 4-Nitroaniline	10.410	138	49517	45.441	ng		91
63) Azobenzene	10.527	77	226014	42.541	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	41154	43.964	ng	#	78
66) n-Nitrosodiphenylamine	10.486	169	195338	44.136	ng		96
67) 4-Bromophenyl-phenylether	10.857	248	70327	43.987	ng		99
68) Hexachlorobenzene	10.927	284	78454	43.324	ng		96
69) Atrazine	11.016	200	49815	39.762	ng		95
70) Pentachlorophenol	11.127	266	38837	42.990	ng		98
71) Phenanthrene	11.339	178	351119	48.254	ng		100
72) Anthracene	11.392	178	342220	46.700	ng		99
73) Carbazole	11.551	167	310178	48.571	ng		96
74) Di-n-butylphthalate	11.874	149	364236	44.381	ng		98
75) Fluoranthene	12.533	202	359609	47.082	ng		97
77) Benzidine	12.657	184	158957	94.889	ng	#	94
78) Pyrene	12.763	202	356781	54.052	ng		98
80) Butylbenzylphthalate	13.374	149	124605	46.535	ng		99
81) Benzo(a)anthracene	13.957	228	243201	48.566	ng		97
82) 3,3'-Dichlorobenzidine	13.915	252	75806	51.602	ng	#	99
83) Chrysene	13.992	228	235251	48.692	ng		100
84) Bis(2-ethylhexyl)phtha...	13.939	149	151131	47.448	ng	#	94
85) Di-n-octyl phthalate	14.551	149	217655	51.202	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.898	276	242847	47.390	ng		98
88) Benzo(b)fluoranthene	15.004	252	223828	46.738	ng		97
89) Benzo(k)fluoranthene	15.033	252	182661	40.291	ng		99
90) Benzo(a)pyrene	15.368	252	188720	45.370	ng		98
91) Dibenzo(a,h)anthracene	16.898	278	200846	46.054	ng	#	96
92) Benzo(g,h,i)perylene	17.333	276	200800	46.589	ng		96

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

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