Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
Data File : BF124320.D
Acq On : 15 Jun 2021 13:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/16/2021 3:53:37 PM

Quant Time: Jun 15 20:13:42 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	6.786	152	38898	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	148749	20.00	ng		0.00
39) Acenaphthene-d10	9.827	164	88834	20.00	ng		0.00
64) Phenanthrene-d10	11.316	188	165094	20.00	ng		0.00
76) Chrysene-d12	13.962	240	114235	20.00	ng		0.00
86) Perylene-d12	15.415	264	79956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	208410	80.65	ng		0.00
7) Phenol-d6	6.445	99	281678	81.10	ng		0.00
23) Nitrobenzene-d5	7.357	82	288101	76.82	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	89838	71.38	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	532099	75.37	ng		0.00
79) Terphenyl-d14	12.904	244	604882	72.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	46566	41.18	ng		91
3) Pyridine	3.228	79	96658m	33.37	ng		
4) n-Nitrosodimethylamine	3.181	42	66629	38.72	ng	#	92
6) Aniline	6.610	93	5228m	1.32	ng		
8) 2-Chlorophenol	6.586	128	120373	41.86	ng		92
9) Benzaldehyde	6.339	77	48879	31.66	ng		99
10) Phenol	6.457	94	133122	35.46	ng		88
11) bis(2-Chloroethyl)ether	6.528	93	106907	39.07	ng		95
12) 1,3-Dichlorobenzene	6.728	146	137616	40.94	ng		93
13) 1,4-Dichlorobenzene	6.804	146	139872	41.49	ng		97
14) 1,2-Dichlorobenzene	6.963	146	131470	40.76	ng		98
15) Benzyl Alcohol	6.939	79	82218	26.26	ng		90
16) 2,2'-oxybis(1-Chloropr...	7.063	45	152654	35.76	ng	#	1
17) 2-Methylphenol	7.063	107	94217	40.31	ng	#	82
18) Hexachloroethane	7.298	117	56666	42.68	ng		90
19) n-Nitroso-di-n-propyla...	7.210	70	97169	39.63	ng		87
20) 3+4-Methylphenols	7.216	107	125541	40.54	ng	#	71
22) Acetophenone	7.204	105	162263	38.27	ng		93
24) Nitrobenzene	7.381	77	142061	37.76	ng		96
25) Isophorone	7.616	82	249543	36.92	ng		98
26) 2-Nitrophenol	7.692	139	65818	39.16	ng		93
27) 2,4-Dimethylphenol	7.739	122	92262	38.93	ng		93
28) bis(2-Chloroethoxy)met...	7.822	93	123860	36.97	ng		97
29) 2,4-Dichlorophenol	7.945	162	103952	37.91	ng		92
30) 1,2,4-Trichlorobenzene	8.016	180	118173	38.45	ng		99
31) Naphthalene	8.092	128	337457	37.95	ng		99
32) Benzoic acid	7.880	122	40506	27.85	ng		95
33) 4-Chloroaniline	8.233	127	108770m	32.88	ng		
34) Hexachlorobutadiene	8.210	225	78309	36.07	ng		98
35) Caprolactam	8.539	113	31000m	41.15	ng		
36) 4-Chloro-3-methylphenol	8.651	107	108819	36.27	ng	#	88
37) 2-Methylnaphthalene	8.786	142	237107	38.02	ng		98
38) 1-Methylnaphthalene	8.886	142	223386	38.33	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	112186	35.64	ng		97
41) Hexachlorocyclopentadiene	8.939	237	83085	51.69	ng		96
43) 2,4,6-Trichlorophenol	9.075	196	80283	39.11	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	83480	37.88	ng	#	92
46) 1,1'-Biphenyl	9.251	154	279725	37.30	ng		97
47) 2-Chloronaphthalene	9.280	162	232506	38.09	ng		94
48) 2-Nitroaniline	9.380	65	85631	38.87	ng		94
49) Acenaphthylene	9.692	152	335604	37.83	ng		97
50) Dimethylphthalate	9.557	163	277307	37.73	ng		100
51) 2,6-Dinitrotoluene	9.622	165	64580	38.32	ng	#	86
52) Acenaphthene	9.863	154	219311	37.85	ng		95
53) 3-Nitroaniline	9.798	138	58740	37.24	ng		88
54) 2,4-Dinitrophenol	9.910	184	22220	28.17	ng	#	81
55) Dibenzofuran	10.039	168	343524	37.88	ng		100
56) 4-Nitrophenol	9.980	139	45415	40.29	ng		93
57) 2,4-Dinitrotoluene	10.027	165	85475	38.46	ng	#	77
58) Fluorene	10.380	166	266392	38.26	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.163	232	70342	39.39	ng		92
60) Diethylphthalate	10.257	149	281321	37.93	ng		98
61) 4-Chlorophenyl-phenyle...	10.369	204	136404	38.32	ng		95
62) 4-Nitroaniline	10.416	138	46524	29.34	ng	#	80
63) Azobenzene	10.533	77	285387	36.91	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	41741	31.46	ng	#	76
66) n-Nitrosodiphenylamine	10.492	169	238839	38.08	ng		97
67) 4-Bromophenyl-phenylether	10.863	248	82274	36.31	ng		96
68) Hexachlorobenzene	10.927	284	90952	35.44	ng	#	91
69) Atrazine	11.021	200	59583	33.55	ng		95
70) Pentachlorophenol	11.127	266	41959m	33.88	ng		
71) Phenanthrene	11.345	178	394252	38.23	ng		97
72) Anthracene	11.398	178	399191	38.43	ng		97
73) Carbazole	11.557	167	350168	38.69	ng		96
74) Di-n-butylphthalate	11.880	149	445912	38.33	ng		99
75) Fluoranthene	12.533	202	411013	37.97	ng		97
77) Benzidine	12.698	184	9337m	7.27	ng		
78) Pyrene	12.763	202	412345	37.59	ng		99
80) Butylbenzylphthalate	13.380	149	165218	37.13	ng		96
81) Benzo(a)anthracene	13.951	228	305785	36.74	ng		96
82) 3,3'-Dichlorobenzidine	13.915	252	70397	28.83	ng	#	96
83) Chrysene	13.992	228	288460	35.93	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	203670	38.48	ng		96
85) Di-n-octyl phthalate	14.551	149	274028	38.79	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.874	276	258978	39.74	ng		99
88) Benzo(b)fluoranthene	14.998	252	238751	38.44	ng		99
89) Benzo(k)fluoranthene	15.027	252	229114	38.97	ng		98
90) Benzo(a)pyrene	15.356	252	210768	39.07	ng		96
91) Dibenzo(a,h)anthracene	16.886	278	222286	39.91	ng		98
92) Benzo(g,h,i)perylene	17.315	276	222584	40.37	ng		99

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

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