Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
Data File : BF127309.D
Acq On : 11 Mar 2022 19:42
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/14/2022
Supervised By :Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 03:17:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	122201	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	427489	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	246399	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	421496	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	276361	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	214876	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	577202	75.931	ng		0.00
7) Phenol-d6	6.510	99	802108	76.704	ng		0.00
23) Nitrobenzene-d5	7.445	82	788875	76.210	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	203719	76.804	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1286847	73.837	ng		0.00
79) Terphenyl-d14	12.992	244	1321058	82.312	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	146729	37.227	ng	#	84
3) Pyridine	3.440	79	393167	37.485	ng	#	80
4) n-Nitrosodimethylamine	3.422	42	214827	36.968	ng	#	65
6) Aniline	6.539	93	506788	40.552	ng		95
8) 2-Chlorophenol	6.657	128	306112	38.926	ng		89
9) Benzaldehyde	6.428	77	238462	45.136	ng		92
10) Phenol	6.522	94	437968	38.126	ng		78
11) bis(2-Chloroethyl)ether	6.610	93	339549	39.803	ng		93
12) 1,3-Dichlorobenzene	6.810	146	341362	38.671	ng		98
13) 1,4-Dichlorobenzene	6.886	146	348930	39.402	ng		99
14) 1,2-Dichlorobenzene	7.039	146	316501	37.974	ng		99
15) Benzyl Alcohol	7.016	79	306332	39.083	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	624049	38.981	ng		98
17) 2-Methylphenol	7.128	107	264754	39.602	ng	#	90
18) Hexachloroethane	7.381	117	132391	38.918	ng	#	78
19) n-Nitroso-di-n-propyla...	7.292	70	249796	38.279	ng		90
20) 3+4-Methylphenols	7.281	107	314529	36.278	ng		93
22) Acetophenone	7.286	105	420304	35.910	ng	#	90
24) Nitrobenzene	7.463	77	381391	38.955	ng		96
25) Isophorone	7.698	82	668571	40.167	ng		98
26) 2-Nitrophenol	7.775	139	162705	40.130	ng	#	82
27) 2,4-Dimethylphenol	7.810	122	246280m	40.464	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	423457	40.152	ng		99
29) 2,4-Dichlorophenol	8.016	162	274758	39.418	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	317589	39.966	ng		99
31) Naphthalene	8.181	128	883533	38.745	ng		99
32) Benzoic acid	7.951	122	169722	41.206	ng		91
33) 4-Chloroaniline	8.228	127	347181	39.278	ng	#	92
34) Hexachlorobutadiene	8.286	225	210065	39.642	ng		98
35) Caprolactam	8.616	113	86463	41.523	ng	#	81
36) 4-Chloro-3-methylphenol	8.710	107	300337	39.755	ng		97
37) 2-Methylnaphthalene	8.869	142	584309	39.214	ng		96
38) 1-Methylnaphthalene	8.969	142	562256	39.251	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	306387	39.279	ng	#	95
41) Hexachlorocyclopentadiene	9.010	237	128384	42.457	ng		93
43) 2,4,6-Trichlorophenol	9.145	196	199746	40.574	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	214901	41.130	ng	#	88
46) 1,1'-Biphenyl	9.333	154	714243	38.407	ng		98
47) 2-Chloronaphthalene	9.363	162	570662	39.420	ng		97
48) 2-Nitroaniline	9.463	65	218967	39.313	ng		96
49) Acenaphthylene	9.775	152	849503	38.346	ng		98
50) Dimethylphthalate	9.639	163	681850	38.618	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	142180	39.809	ng		94
52) Acenaphthene	9.951	154	505469	38.277	ng		96
53) 3-Nitroaniline	9.874	138	153793	39.515	ng		92
54) 2,4-Dinitrophenol	9.986	184	72836	39.073	ng	#	88
55) Dibenzofuran	10.122	168	760142	37.052	ng		99
56) 4-Nitrophenol	10.039	139	99574	42.092	ng		79
57) 2,4-Dinitrotoluene	10.110	165	179703	38.242	ng	#	92
58) Fluorene	10.463	166	593745	37.324	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	174340	40.151	ng	#	79
60) Diethylphthalate	10.333	149	617676	38.353	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	326354	37.855	ng		91
62) 4-Nitroaniline	10.498	138	150886	38.904	ng	#	83
63) Azobenzene	10.616	77	710696	38.389	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	113048	43.500	ng		88
66) n-Nitrosodiphenylamine	10.574	169	514783	39.325	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	199313	39.228	ng		92
68) Hexachlorobenzene	11.010	284	218998	39.549	ng	#	89
69) Atrazine	11.104	200	179955	39.838	ng		92
70) Pentachlorophenol	11.210	266	97837	43.761	ng		97
71) Phenanthrene	11.433	178	834533	37.507	ng		100
72) Anthracene	11.480	178	840083	38.124	ng		99
73) Carbazole	11.639	167	780703	37.623	ng		99
74) Di-n-butylphthalate	11.957	149	923339	38.043	ng		99
75) Fluoranthene	12.621	202	908443	36.516	ng		92
77) Benzidine	12.739	184	252214	35.888	ng		98
78) Pyrene	12.851	202	913091	42.419	ng		99
80) Butylbenzylphthalate	13.463	149	348623	42.082	ng	#	89
81) Benzo(a)anthracene	14.039	228	725403	38.983	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	225680	39.006	ng	#	95
83) Chrysene	14.080	228	685437	39.603	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	450803	40.424	ng	#	98
85) Di-n-octyl phthalate	14.627	149	674864	39.982	ng		97
87) Indeno(1,2,3-cd)pyrene	17.051	276	567628	43.851	ng	#	85
88) Benzo(b)fluoranthene	15.098	252	582428	41.294	ng	#	93
89) Benzo(k)fluoranthene	15.127	252	504841	38.067	ng	#	94
90) Benzo(a)pyrene	15.474	252	452811	40.769	ng	#	92
91) Dibenzo(a,h)anthracene	17.062	278	470777	43.698	ng	#	90
92) Benzo(g,h,i)perylene	17.503	276	473392	45.046	ng	#	86

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

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