Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130528.D
Acq On : 05 Oct 2022 12:27
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/06/2022
Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 06 01:09:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.634	152	91661	20.000	ng		0.00
21) Naphthalene-d8	7.916	136	336457	20.000	ng		0.00
39) Acenaphthene-d10	9.669	164	172584	20.000	ng		0.00
64) Phenanthrene-d10	11.145	188	288499	20.000	ng		0.00
76) Chrysene-d12	13.774	240	159049	20.000	ng		0.00
86) Perylene-d12	15.162	264	146452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	425766	80.566	ng		0.00
7) Phenol-d6	6.281	99	532408	80.517	ng		0.00
23) Nitrobenzene-d5	7.204	82	516457	78.420	ng		0.00
42) 2,4,6-Tribromophenol	10.457	330	133910	80.977	ng		0.00
45) 2-Fluorobiphenyl	8.992	172	935388	78.924	ng		0.00
79) Terphenyl-d14	12.733	244	846862	88.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.222	88	124585	51.332	ng		99
3) Pyridine	2.893	79	302653	47.803	ng		92
4) n-Nitrosodimethylamine	2.857	42	137371	39.893	ng		81
6) Aniline	6.298	93	315013	38.665	ng	#	83
8) 2-Chlorophenol	6.416	128	243255	40.408	ng		99
9) Benzaldehyde	6.181	77	166591	37.611	ng		99
10) Phenol	6.292	94	307329	39.660	ng		83
11) bis(2-Chloroethyl)ether	6.375	93	219306	39.237	ng		96
12) 1,3-Dichlorobenzene	6.569	146	266285	40.200	ng		98
13) 1,4-Dichlorobenzene	6.651	146	268215	39.707	ng		98
14) 1,2-Dichlorobenzene	6.804	146	252715	40.049	ng		97
15) Benzyl Alcohol	6.787	79	189128	36.075	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.916	45	287018	35.208	ng		88
17) 2-Methylphenol	6.898	107	197187	40.294	ng		99
18) Hexachloroethane	7.139	117	100759	37.842	ng		99
19) n-Nitroso-di-n-propyla...	7.057	70	162335	36.383	ng		92
20) 3+4-Methylphenols	7.057	107	255187	40.142	ng	#	69
22) Acetophenone	7.051	105	329629	40.072	ng	#	93
24) Nitrobenzene	7.222	77	257643	38.528	ng		97
25) Isophorone	7.463	82	416947	39.280	ng		98
26) 2-Nitrophenol	7.539	139	125622	45.826	ng	#	85
27) 2,4-Dimethylphenol	7.581	122	173316	41.062	ng		96
28) bis(2-Chloroethoxy)met...	7.675	93	236840	39.625	ng		99
29) 2,4-Dichlorophenol	7.781	162	194628	42.078	ng		97
30) 1,2,4-Trichlorobenzene	7.857	180	205776	41.149	ng		97
31) Naphthalene	7.939	128	709074	40.907	ng		99
32) Benzoic acid	7.722	122	105113m	32.203	ng		
33) 4-Chloroaniline	7.992	127	275918	41.853	ng		98
34) Hexachlorobutadiene	8.051	225	128404	40.177	ng		99
35) Caprolactam	8.375	113	60495m	45.622	ng		
36) 4-Chloro-3-methylphenol	8.481	107	209084	40.782	ng		97
37) 2-Methylnaphthalene	8.628	142	441289	39.929	ng		98
38) 1-Methylnaphthalene	8.728	142	433045	40.788	ng		100
40) 1,2,4,5-Tetrachloroben...	8.792	216	190211	40.385	ng		98
41) Hexachlorocyclopentadiene	8.775	237	89067	35.321	ng		99
43) 2,4,6-Trichlorophenol	8.910	196	129547	39.411	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.957	196	141436	39.873	ng		97
46) 1,1'-Biphenyl	9.092	154	508388	39.443	ng		99
47) 2-Chloronaphthalene	9.116	162	422926	40.562	ng		98
48) 2-Nitroaniline	9.222	65	137464	39.528	ng		91
49) Acenaphthylene	9.528	152	638458	40.840	ng		100
50) Dimethylphthalate	9.398	163	480812	40.332	ng		100
51) 2,6-Dinitrotoluene	9.463	165	108381	43.470	ng		86
52) Acenaphthene	9.698	154	409789m	39.896	ng		
53) 3-Nitroaniline	9.633	138	119158	42.891	ng		91
54) 2,4-Dinitrophenol	9.739	184	45460	37.239	ng		99
55) Dibenzofuran	9.869	168	571684	40.015	ng		99
56) 4-Nitrophenol	9.804	139	77016	38.061	ng		91
57) 2,4-Dinitrotoluene	9.863	165	141117	44.288	ng		96
58) Fluorene	10.216	166	468358	40.085	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.992	232	112186	40.407	ng		91
60) Diethylphthalate	10.098	149	471143	39.410	ng		99
61) 4-Chlorophenyl-phenyle...	10.210	204	206611	40.310	ng		95
62) 4-Nitroaniline	10.245	138	114410m	40.995	ng		
63) Azobenzene	10.369	77	460832	37.436	ng		95
65) 4,6-Dinitro-2-methylph...	10.275	198	72462	45.120	ng		81
66) n-Nitrosodiphenylamine	10.328	169	391901	40.650	ng		99
67) 4-Bromophenyl-phenylether	10.698	248	130984	41.156	ng		93
68) Hexachlorobenzene	10.757	284	151079	41.877	ng		100
69) Atrazine	10.863	200	111674	39.637	ng		97
70) Pentachlorophenol	10.957	266	66223	34.202	ng		98
71) Phenanthrene	11.169	178	667434	41.206	ng		99
72) Anthracene	11.222	178	646094	41.334	ng		100
73) Carbazole	11.386	167	578902	41.037	ng		98
74) Di-n-butylphthalate	11.716	149	672094	39.509	ng		99
75) Fluoranthene	12.357	202	636107	40.642	ng		98
77) Benzidine	12.486	184	134747	29.185	ng		99
78) Pyrene	12.580	202	631998	45.423	ng		99
80) Butylbenzylphthalate	13.210	149	214428	41.600	ng		93
81) Benzo(a)anthracene	13.768	228	436152	41.221	ng		99
82) 3,3'-Dichlorobenzidine	13.739	252	121643	42.235	ng	#	98
83) Chrysene	13.804	228	414514	41.260	ng		99
84) Bis(2-ethylhexyl)phtha...	13.768	149	220108	37.281	ng	#	97
85) Di-n-octyl phthalate	14.380	149	326270	36.130	ng		97
87) Indeno(1,2,3-cd)pyrene	16.480	276	464565	44.732	ng		99
88) Benzo(b)fluoranthene	14.774	252	396576	41.488	ng		100
89) Benzo(k)fluoranthene	14.804	252	351586	37.391	ng		99
90) Benzo(a)pyrene	15.104	252	321330	42.432	ng		99
91) Dibenzo(a,h)anthracene	16.498	278	373487	43.838	ng		98
92) Benzo(g,h,i)perylene	16.874	276	392372	45.718	ng		98

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

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