Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
Data File : BF130804.D
Acq On : 27 Oct 2022 18:08
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 28 03:15:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 03:09:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	103077	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	373959	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	206068	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	380890	20.000	ng		0.00
76) Chrysene-d12	14.145	240	232168	20.000	ng		0.00
86) Perylene-d12	15.656	264	172133	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	534919	90.010	ng		0.00
7) Phenol-d6	6.575	99	702155	94.428	ng		0.00
23) Nitrobenzene-d5	7.522	82	661535	90.376	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	169281	85.733	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1217814	86.057	ng		0.00
79) Terphenyl-d14	13.086	244	1256946	89.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	125167	45.860	ng		95
3) Pyridine	3.546	79	351775	49.408	ng		99
4) n-Nitrosodimethylamine	3.516	42	203205	52.476	ng		98
6) Aniline	6.622	93	451393m	49.268	ng		
8) 2-Chlorophenol	6.739	128	308662	45.595	ng		97
9) Benzaldehyde	6.510	77	218728	43.913	ng		96
10) Phenol	6.587	94	381393	43.767	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	300338	47.784	ng		96
12) 1,3-Dichlorobenzene	6.898	146	346856	46.564	ng		100
13) 1,4-Dichlorobenzene	6.975	146	351180	46.231	ng		99
14) 1,2-Dichlorobenzene	7.128	146	323915	45.648	ng		99
15) Benzyl Alcohol	7.092	79	317720	53.891	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	545908	59.549	ng		99
17) 2-Methylphenol	7.198	107	268425	48.777	ng		97
18) Hexachloroethane	7.469	117	132189	44.148	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	242877	48.405	ng		97
20) 3+4-Methylphenols	7.351	107	341379	47.753	ng		96
22) Acetophenone	7.369	105	428699	46.889	ng	#	97
24) Nitrobenzene	7.545	77	351020	47.228	ng		96
25) Isophorone	7.781	82	617472	52.338	ng		99
26) 2-Nitrophenol	7.857	139	129590	42.533	ng		94
27) 2,4-Dimethylphenol	7.881	122	252169	53.752	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	341677	51.433	ng		99
29) 2,4-Dichlorophenol	8.092	162	265089	51.564	ng		95
30) 1,2,4-Trichlorobenzene	8.181	180	281513	50.649	ng		95
31) Naphthalene	8.263	128	922875	47.902	ng		100
32) Benzoic acid	7.998	122	180113m	49.646	ng		
33) 4-Chloroaniline	8.310	127	365171	49.836	ng		99
34) Hexachlorobutadiene	8.380	225	187994	52.924	ng		100
35) Caprolactam	8.692	113	86385	58.614	ng		90
36) 4-Chloro-3-methylphenol	8.780	107	289164	50.746	ng		99
37) 2-Methylnaphthalene	8.957	142	579813	47.202	ng		100
38) 1-Methylnaphthalene	9.057	142	566971	48.047	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	273584	48.648	ng		98
41) Hexachlorocyclopentadiene	9.104	237	155338	51.592	ng		99
43) 2,4,6-Trichlorophenol	9.227	196	198217	50.503	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	211809	50.010	ng		99
46) 1,1'-Biphenyl	9.422	154	685521	44.543	ng		99
47) 2-Chloronaphthalene	9.451	162	551538	44.302	ng		98
48) 2-Nitroaniline	9.539	65	182696	43.999	ng		99
49) Acenaphthylene	9.869	152	886240	47.478	ng		100
50) Dimethylphthalate	9.722	163	673020	47.281	ng		99
51) 2,6-Dinitrotoluene	9.786	165	132192	44.405	ng		87
52) Acenaphthene	10.039	154	551914	45.002	ng		100
53) 3-Nitroaniline	9.957	138	146855	44.271	ng		93
54) 2,4-Dinitrophenol	10.057	184	51315	37.608	ng	#	83
55) Dibenzofuran	10.210	168	784816	46.007	ng		99
56) 4-Nitrophenol	10.098	139	117273	48.539	ng		98
57) 2,4-Dinitrotoluene	10.186	165	166501	43.763	ng	#	90
58) Fluorene	10.557	166	613015	43.940	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	176558	53.260	ng		99
60) Diethylphthalate	10.422	149	671763	47.061	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	293829	48.011	ng		98
62) 4-Nitroaniline	10.574	138	149977	45.007	ng		97
63) Azobenzene	10.710	77	701025	47.694	ng		96
65) 4,6-Dinitro-2-methylph...	10.592	198	76502	36.081	ng		93
66) n-Nitrosodiphenylamine	10.663	169	566952	44.543	ng		98
67) 4-Bromophenyl-phenylether	11.039	248	180333	42.918	ng		95
68) Hexachlorobenzene	11.098	284	204033	42.836	ng		97
69) Atrazine	11.186	200	161452	43.405	ng		99
70) Pentachlorophenol	11.286	266	122940	48.093	ng		98
71) Phenanthrene	11.521	178	917373	42.898	ng		99
72) Anthracene	11.574	178	915095	44.343	ng		100
73) Carbazole	11.727	167	819795	44.017	ng		99
74) Di-n-butylphthalate	12.051	149	1011692	45.046	ng		100
75) Fluoranthene	12.710	202	983215	47.581	ng		100
77) Benzidine	12.827	184	231687	34.377	ng		99
78) Pyrene	12.945	202	987088	48.601	ng		100
80) Butylbenzylphthalate	13.557	149	368464	48.971	ng		100
81) Benzo(a)anthracene	14.133	228	741242	47.993	ng		99
82) 3,3'-Dichlorobenzidine	14.092	252	197421	46.957	ng		96
83) Chrysene	14.168	228	705174	48.085	ng		100
84) Bis(2-ethylhexyl)phtha...	14.115	149	428274	49.693	ng		100
85) Di-n-octyl phthalate	14.739	149	578968	43.922	ng		99
87) Indeno(1,2,3-cd)pyrene	17.215	276	626632	51.335	ng		100
88) Benzo(b)fluoranthene	15.209	252	516939	46.011	ng		100
89) Benzo(k)fluoranthene	15.239	252	531951	48.132	ng		99
90) Benzo(a)pyrene	15.592	252	437288	49.129	ng		98
91) Dibenzo(a,h)anthracene	17.239	278	510776	51.007	ng		99
92) Benzo(g,h,i)perylene	17.692	276	528733	52.415	ng		99

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

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