Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
Data File : BF130738.D
Acq On : 21 Oct 2022 10:47
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 21 13:39:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 06:12:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

10/24/2022
Supervised By :Jagrut Upadhyay

10/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.563	152	78729	20.000	ng		0.00
21) Naphthalene-d8	7.845	136	358914	20.000	ng		0.00
39) Acenaphthene-d10	9.592	164	157251	20.000	ng		0.00
64) Phenanthrene-d10	11.075	188	272032	20.000	ng		0.00
76) Chrysene-d12	13.704	240	177848	20.000	ng		0.00
86) Perylene-d12	15.080	264	143073	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	359393	78.718	ng		0.00
7) Phenol-d6	6.222	99	453530	82.102	ng		0.00
23) Nitrobenzene-d5	7.140	82	437465	64.658	ng		0.00
42) 2,4,6-Tribromophenol	10.386	330	126930	84.877	ng		0.00
45) 2-Fluorobiphenyl	8.922	172	990651	96.005	ng		0.00
79) Terphenyl-d14	12.651	244	883913	83.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.116	88	97164	35.770	ng		97
3) Pyridine	2.775	79	227077	43.362	ng		99
4) n-Nitrosodimethylamine	2.752	42	93934	40.374	ng		98
6) Aniline	6.234	93	276929	43.513	ng		95
8) 2-Chlorophenol	6.351	128	234828	44.451	ng		99
9) Benzaldehyde	6.122	77	139179	43.153	ng		98
10) Phenol	6.234	94	264089	43.364	ng		86
11) bis(2-Chloroethyl)ether	6.310	93	200547	44.336	ng		99
12) 1,3-Dichlorobenzene	6.498	146	267331	46.583	ng		97
13) 1,4-Dichlorobenzene	6.581	146	228611	38.730	ng		98
14) 1,2-Dichlorobenzene	6.734	146	212639	38.129	ng		99
15) Benzyl Alcohol	6.728	79	160609	39.638	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.851	45	218600	37.676	ng		97
17) 2-Methylphenol	6.845	107	163705	37.669	ng		98
18) Hexachloroethane	7.063	117	84005	38.105	ng		92
19) n-Nitroso-di-n-propyla...	6.993	70	138863	37.202	ng		97
20) 3+4-Methylphenols	6.998	107	220123	38.644	ng		97
22) Acetophenone	6.987	105	282095	32.220	ng	#	99
24) Nitrobenzene	7.157	77	220010	31.966	ng		100
25) Isophorone	7.398	82	427773	38.374	ng		99
26) 2-Nitrophenol	7.475	139	132731	38.464	ng		99
27) 2,4-Dimethylphenol	7.522	122	178411	38.213	ng		98
28) bis(2-Chloroethoxy)met...	7.610	93	239953	37.160	ng		99
29) 2,4-Dichlorophenol	7.722	162	205161	39.851	ng		100
30) 1,2,4-Trichlorobenzene	7.792	180	194835	36.037	ng		98
31) Naphthalene	7.869	128	696703	37.647	ng		100
32) Benzoic acid	7.692	122	85398m	33.651	ng		
33) 4-Chloroaniline	7.934	127	284790	40.000	ng		99
34) Hexachlorobutadiene	7.981	225	122369	35.600	ng		99
35) Caprolactam	8.322	113	59170	36.774	ng		97
36) 4-Chloro-3-methylphenol	8.428	107	213882	38.439	ng		94
37) 2-Methylnaphthalene	8.557	142	469960	38.759	ng		100
38) 1-Methylnaphthalene	8.657	142	413153	34.368	ng		98
40) 1,2,4,5-Tetrachloroben...	8.722	216	188473	45.168	ng		99
41) Hexachlorocyclopentadiene	8.704	237	14322	40.930	ng		94
43) 2,4,6-Trichlorophenol	8.845	196	123095	46.872	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.898	196	143471	50.233	ng		99
46) 1,1'-Biphenyl	9.022	154	551992	50.327	ng		99
47) 2-Chloronaphthalene	9.045	162	456213	50.017	ng		99
48) 2-Nitroaniline	9.157	65	138567	49.495	ng		91
49) Acenaphthylene	9.457	152	548052	40.779	ng		99
50) Dimethylphthalate	9.334	163	428968	40.556	ng		100
51) 2,6-Dinitrotoluene	9.398	165	97988	41.369	ng	#	84
52) Acenaphthene	9.628	154	331040	39.629	ng		99
53) 3-Nitroaniline	9.575	138	106950	39.626	ng		93
54) 2,4-Dinitrophenol	9.698	184	29072	35.601	ng		94
55) Dibenzofuran	9.798	168	513257	39.918	ng		98
56) 4-Nitrophenol	9.769	139	23023	39.283	ng		99
57) 2,4-Dinitrotoluene	9.804	165	128971	40.421	ng	#	79
58) Fluorene	10.139	166	424580	39.704	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.928	232	96998	42.718	ng		98
60) Diethylphthalate	10.028	149	421243	38.600	ng		100
61) 4-Chlorophenyl-phenyle...	10.133	204	194515	40.583	ng		94
62) 4-Nitroaniline	10.186	138	98712	38.557	ng		98
63) Azobenzene	10.292	77	383802	40.055	ng		96
65) 4,6-Dinitro-2-methylph...	10.216	198	66336	40.801	ng		89
66) n-Nitrosodiphenylamine	10.257	169	358704	38.251	ng		100
67) 4-Bromophenyl-phenylether	10.622	248	126816	38.756	ng		97
68) Hexachlorobenzene	10.681	284	147925	39.552	ng	#	91
69) Atrazine	10.792	200	106326	40.942	ng		97
70) Pentachlorophenol	10.898	266	29443	41.677	ng		96
71) Phenanthrene	11.098	178	598682	40.133	ng		100
72) Anthracene	11.151	178	591719	39.749	ng		99
73) Carbazole	11.316	167	535942	38.994	ng		100
74) Di-n-butylphthalate	11.639	149	639349	37.821	ng		99
75) Fluoranthene	12.280	202	615469	40.811	ng		99
77) Benzidine	12.416	184	95218	29.725	ng		99
78) Pyrene	12.510	202	619199	41.478	ng		100
80) Butylbenzylphthalate	13.127	149	243606	41.125	ng		92
81) Benzo(a)anthracene	13.692	228	470678	39.608	ng		99
82) 3,3'-Dichlorobenzidine	13.663	252	130765	37.892	ng		97
83) Chrysene	13.733	228	440390	38.248	ng		99
84) Bis(2-ethylhexyl)phtha...	13.686	149	285256	40.652	ng		99
85) Di-n-octyl phthalate	14.292	149	363390	39.281	ng		100
87) Indeno(1,2,3-cd)pyrene	16.368	276	430984	42.001	ng		99
88) Benzo(b)fluoranthene	14.698	252	375485	39.416	ng		99
89) Benzo(k)fluoranthene	14.727	252	347030	36.260	ng		99
90) Benzo(a)pyrene	15.021	252	301712	39.433	ng		100
91) Dibenzo(a,h)anthracene	16.374	278	355827	41.966	ng		99
92) Benzo(g,h,i)perylene	16.751	276	350661	41.236	ng		99

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

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