Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
Data File : BF135161.D
Acq On : 11 Sep 2023 13:49
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 12 00:08:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:05:33 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	110125	20.000	ng		0.00
21) Naphthalene-d8	8.040	136	444411	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	240082	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	454728	20.000	ng		0.00
76) Chrysene-d12	13.945	240	280828	20.000	ng		0.00
86) Perylene-d12	15.404	264	230318	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	136457	20.153	ng		0.00
7) Phenol-d6	6.398	99	174091	20.221	ng		0.00
23) Nitrobenzene-d5	7.322	82	160867	19.666	ng		-0.01
42) 2,4,6-Tribromophenol	10.586	330	47263	19.810	ng		-0.01
45) 2-Fluorobiphenyl	9.122	172	341862	21.483	ng		0.00
79) Terphenyl-d14	12.880	244	357974	19.760	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	28404	9.569	ng		98
3) Pyridine	3.228	79	72623m	9.091	ng		
4) n-Nitrosodimethylamine	3.169	42	39708	9.367	ng		99
6) Aniline	6.428	93	114191	10.114	ng		97
8) 2-Chlorophenol	6.546	128	72642	10.050	ng		98
9) Benzaldehyde	6.316	77	53805	10.970	ng		99
10) Phenol	6.410	94	96952	10.270	ng		86
11) bis(2-Chloroethyl)ether	6.498	93	69782	9.854	ng		98
12) 1,3-Dichlorobenzene	6.704	146	74124	10.091	ng		96
13) 1,4-Dichlorobenzene	6.781	146	75277	10.072	ng		97
14) 1,2-Dichlorobenzene	6.934	146	72618	10.463	ng		97
15) Benzyl Alcohol	6.904	79	62968	10.192	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.040	45	132846	9.952	ng		98
17) 2-Methylphenol	7.016	107	61410	9.628	ng		99
18) Hexachloroethane	7.269	117	26793	9.703	ng		91
19) n-Nitroso-di-n-propyla...	7.169	70	54303	10.183	ng		93
20) 3+4-Methylphenols	7.169	107	82347	10.737	ng	#	83
22) Acetophenone	7.169	105	106936	10.525	ng	#	98
24) Nitrobenzene	7.340	77	80422	9.947	ng		97
25) Isophorone	7.581	82	145810	9.707	ng		99
26) 2-Nitrophenol	7.663	139	37393	9.636	ng		93
27) 2,4-Dimethylphenol	7.698	122	65208	9.997	ng		99
28) bis(2-Chloroethoxy)met...	7.793	93	90401	10.055	ng		99
29) 2,4-Dichlorophenol	7.898	162	61495	10.175	ng		98
30) 1,2,4-Trichlorobenzene	7.987	180	64918	10.276	ng		98
31) Naphthalene	8.063	128	220470	10.210	ng		99
32) Benzoic acid	7.781	122	41638	8.559	ng		99
33) 4-Chloroaniline	8.116	127	97177	10.258	ng		98
34) Hexachlorobutadiene	8.181	225	37867	9.941	ng		96
35) Caprolactam	8.457	113	19387	9.559	ng		99
36) 4-Chloro-3-methylphenol	8.598	107	67241	10.010	ng		96
37) 2-Methylnaphthalene	8.757	142	152630	10.516	ng		98
38) 1-Methylnaphthalene	8.851	142	144363	10.624	ng		97
40) 1,2,4,5-Tetrachloroben...	8.922	216	69595	10.006	ng		99
41) Hexachlorocyclopentadiene	8.904	237	14891	11.794	ng		96
43) 2,4,6-Trichlorophenol	9.034	196	44372	9.744	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	50326	9.596	ng	99
46) 1,1'-Biphenyl	9.222	154	189214	10.256	ng	100
47) 2-Chloronaphthalene	9.245	162	134649	10.059	ng	98
48) 2-Nitroaniline	9.345	65	50017	9.618	ng	97
49) Acenaphthylene	9.657	152	230067	10.341	ng	99
50) Dimethylphthalate	9.522	163	163038	10.044	ng	100
51) 2,6-Dinitrotoluene	9.586	165	35101	9.871	ng	89
52) Acenaphthene	9.834	154	134139	10.206	ng	98
53) 3-Nitroaniline	9.751	138	41123	9.852	ng	100
54) 2,4-Dinitrophenol	9.869	184	11927	11.695	ng	94
55) Dibenzofuran	10.004	168	212551	10.598	ng	99
56) 4-Nitrophenol	9.922	139	24091	9.081	ng	95
57) 2,4-Dinitrotoluene	9.992	165	46425	10.429	ng	91
58) Fluorene	10.345	166	164956	10.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	40025	9.921	ng	99
60) Diethylphthalate	10.222	149	168229	10.327	ng	97
61) 4-Chlorophenyl-phenyle...	10.345	204	79972	10.798	ng	89
62) 4-Nitroaniline	10.363	138	38533	9.604	ng	98
63) Azobenzene	10.504	77	163899	10.280	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	19691	8.153	ng	84
66) n-Nitrosodiphenylamine	10.463	169	143975	10.458	ng	96
67) 4-Bromophenyl-phenylether	10.833	248	46472	10.276	ng	94
68) Hexachlorobenzene	10.898	284	47249	10.255	ng	99
69) Atrazine	10.992	200	38645	10.433	ng	97
70) Pentachlorophenol	11.092	266	24914	9.060	ng	96
71) Phenanthrene	11.310	178	223518	10.393	ng	98
72) Anthracene	11.363	178	232980	10.539	ng	98
73) Carbazole	11.522	167	212257	10.547	ng	99
74) Di-n-butylphthalate	11.857	149	246637	10.401	ng	99
75) Fluoranthene	12.504	202	241514	10.777	ng	100
77) Benzidine	12.633	184	71555	12.437	ng	98
78) Pyrene	12.733	202	250902	9.384	ng	98
80) Butylbenzylphthalate	13.369	149	86778	9.218	ng	94
81) Benzo(a)anthracene	13.933	228	181050	9.984	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	55671	9.829	ng	99
83) Chrysene	13.969	228	178932	9.925	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	88814	9.194	ng	98
85) Di-n-octyl phthalate	14.545	149	127344	8.295	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	129298	8.562	ng	98
88) Benzo(b)fluoranthene	14.980	252	126361	10.135	ng	99
89) Benzo(k)fluoranthene	15.010	252	126903	10.304	ng	100
90) Benzo(a)pyrene	15.339	252	113493	9.545	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	107454	8.696	ng	99
92) Benzo(g,h,i)perylene	17.315	276	111145	8.613	ng	98

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

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