Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
Data File : BF139089.D
Acq On : 21 Aug 2024 08:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 21 09:16:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
08/22/2024
Supervised By :mohammad ahmed
08/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	106520	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	388183	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	222129	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	405782	20.000	ng	0.00
76) Chrysene-d12	14.063	240	277737	20.000	ng	0.00
86) Perylene-d12	15.533	264	209466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	530764	76.661	ng	0.00
7) Phenol-d6	6.522	99	698232	78.049	ng	0.00
23) Nitrobenzene-d5	7.463	82	603391	90.575	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	174285	86.670	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1077366	76.953	ng	0.00
79) Terphenyl-d14	13.010	244	1266457	75.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	118770	39.995	ng	99
3) Pyridine	3.440	79	299279	39.660	ng	100
4) n-Nitrosodimethylamine	3.404	42	170719	37.450	ng	98
6) Aniline	6.563	93	322027	39.874	ng	99
8) 2-Chlorophenol	6.681	128	257629	38.687	ng	99
9) Benzaldehyde	6.451	77	206828	39.420	ng	99
10) Phenol	6.534	94	369361	39.681	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	269294	35.974	ng	99
12) 1,3-Dichlorobenzene	6.839	146	308623	38.546	ng	100
13) 1,4-Dichlorobenzene	6.916	146	313231	39.128	ng	99
14) 1,2-Dichlorobenzene	7.069	146	290942	39.766	ng	99
15) Benzyl Alcohol	7.039	79	276283	39.075	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	396875	37.637	ng	100
17) 2-Methylphenol	7.145	107	222507	39.056	ng	99
18) Hexachloroethane	7.410	117	109316	38.942	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	214966	36.590	ng	99
20) 3+4-Methylphenols	7.298	107	289962	39.283	ng	98
22) Acetophenone	7.310	105	387998	39.146	ng	98
24) Nitrobenzene	7.481	77	327635	44.246	ng	99
25) Isophorone	7.722	82	555335	39.220	ng	99
26) 2-Nitrophenol	7.798	139	105829	41.802	ng	97
27) 2,4-Dimethylphenol	7.828	122	178037	39.652	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	318803	38.533	ng	99
29) 2,4-Dichlorophenol	8.033	162	224826	40.192	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	256768	39.201	ng	99
31) Naphthalene	8.204	128	775645	39.431	ng	100
32) Benzoic acid	7.933	122	153296	42.215	ng	98
33) 4-Chloroaniline	8.251	127	261546	38.823	ng	99
34) Hexachlorobutadiene	8.322	225	166619	38.941	ng	99
35) Caprolactam	8.622	113	72445	40.849	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	249202	40.235	ng	100
37) 2-Methylnaphthalene	8.892	142	489850	38.823	ng	100
38) 1-Methylnaphthalene	8.992	142	479415	39.369	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	245680	40.181	ng	99
41) Hexachlorocyclopentadiene	9.045	237	94612	40.480	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	170121	41.453	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	167309	39.717	ng		99
46) 1,1'-Biphenyl	9.357	154	613196	40.299	ng		100
47) 2-Chloronaphthalene	9.380	162	482028	38.987	ng		99
48) 2-Nitroaniline	9.475	65	148360	42.590	ng		99
49) Acenaphthylene	9.798	152	710268	40.103	ng		100
50) Dimethylphthalate	9.657	163	554959	40.468	ng		100
51) 2,6-Dinitrotoluene	9.716	165	117466	43.203	ng		99
52) Acenaphthene	9.969	154	464623	39.714	ng		100
53) 3-Nitroaniline	9.886	138	115678	42.123	ng		97
54) 2,4-Dinitrophenol	9.986	184	38112	44.060	ng	#	81
55) Dibenzofuran	10.139	168	687997	40.487	ng		100
56) 4-Nitrophenol	10.033	139	95893	46.261	ng		98
57) 2,4-Dinitrotoluene	10.116	165	150678	44.192	ng		99
58) Fluorene	10.486	166	535695	39.446	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	143062	42.298	ng		99
60) Diethylphthalate	10.357	149	545587	40.153	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	266035	39.224	ng		98
62) 4-Nitroaniline	10.498	138	121625	43.581	ng		97
63) Azobenzene	10.639	77	604767	40.052	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	61951	43.945	ng		98
66) n-Nitrosodiphenylamine	10.598	169	454747	37.874	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	164116	38.168	ng		98
68) Hexachlorobenzene	11.027	284	180559	39.142	ng		99
69) Atrazine	11.122	200	117865	32.143	ng		99
70) Pentachlorophenol	11.222	266	122031	41.413	ng		97
71) Phenanthrene	11.445	178	787217	38.168	ng		100
72) Anthracene	11.498	178	775197	38.432	ng		99
73) Carbazole	11.651	167	719944	38.223	ng		100
74) Di-n-butylphthalate	11.986	149	824567	37.755	ng		100
75) Fluoranthene	12.633	202	853414	38.767	ng		99
77) Benzidine	12.757	184	264523	46.108	ng		100
78) Pyrene	12.863	202	872814	37.658	ng		100
80) Butylbenzylphthalate	13.486	149	327357	40.825	ng		97
81) Benzo(a)anthracene	14.051	228	701935	38.447	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	197823	38.764	ng		98
83) Chrysene	14.086	228	663304	40.082	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	436657	41.077	ng		99
85) Di-n-octyl phthalate	14.662	149	631067	42.297	ng		100
87) Indeno(1,2,3-cd)pyrene	17.021	276	521061	42.504	ng		100
88) Benzo(b)fluoranthene	15.104	252	506393	37.083	ng		99
89) Benzo(k)fluoranthene	15.133	252	494901m	43.513	ng		
90) Benzo(a)pyrene	15.474	252	427669	39.634	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	428485	42.579	ng		100
92) Benzo(g,h,i)perylene	17.468	276	431073	38.105	ng		100

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

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