Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138901.D
Acq On : 10 Aug 2024 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 01:11:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	63234	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	258541	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	146261	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	247933	20.000	ng		0.00
76) Chrysene-d12	14.004	240	115525	20.000	ng		0.00
86) Perylene-d12	15.468	264	117822	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	320465	78.231	ng		0.00
7) Phenol-d6	6.492	99	439099	79.839	ng		0.00
23) Nitrobenzene-d5	7.416	82	439920	83.191	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	103699	86.555	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	804889	82.684	ng		0.00
79) Terphenyl-d14	12.945	244	628672	91.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	61103	34.071	ng		97
3) Pyridine	3.357	79	157484	36.250	ng		97
4) n-Nitrosodimethylamine	3.334	42	112433	43.453	ng		83
6) Aniline	6.510	93	194296	39.613	ng	#	41
8) 2-Chlorophenol	6.639	128	175639	40.753	ng		96
9) Benzaldehyde	6.398	77	115786	35.120	ng		99
10) Phenol	6.510	94	230139	39.743	ng		79
11) bis(2-Chloroethyl)ether	6.587	93	167809	37.658	ng		99
12) 1,3-Dichlorobenzene	6.787	146	192215	39.842	ng		98
13) 1,4-Dichlorobenzene	6.863	146	196478	40.356	ng		100
14) 1,2-Dichlorobenzene	7.016	146	188564	41.442	ng		98
15) Benzyl Alcohol	6.992	79	171483	43.260	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	276455	36.049	ng	#	50
17) 2-Methylphenol	7.110	107	142935	40.163	ng	#	91
18) Hexachloroethane	7.351	117	76031	41.486	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	140425	42.274	ng		99
20) 3+4-Methylphenols	7.263	107	193788	42.440	ng		93
22) Acetophenone	7.257	105	264253	41.744	ng	#	98
24) Nitrobenzene	7.434	77	219665	40.822	ng		99
25) Isophorone	7.675	82	363094	40.211	ng		99
26) 2-Nitrophenol	7.745	139	95229	41.134	ng		92
27) 2,4-Dimethylphenol	7.786	122	111520	40.261	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	215348	39.163	ng		99
29) 2,4-Dichlorophenol	7.992	162	148177	41.631	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	169785	41.335	ng		97
31) Naphthalene	8.151	128	547469	40.229	ng		100
32) Benzoic acid	7.951	122	73794	33.892	ng		88
33) 4-Chloroaniline	8.204	127	168871	36.967	ng		98
34) Hexachlorobutadiene	8.257	225	107615	43.255	ng		100
35) Caprolactam	8.598	113	45469m	42.813	ng		
36) 4-Chloro-3-methylphenol	8.692	107	174210	42.827	ng		98
37) 2-Methylnaphthalene	8.839	142	357386	41.582	ng		99
38) 1-Methylnaphthalene	8.939	142	347514	41.263	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	166654	41.018	ng		98
41) Hexachlorocyclopentadiene	8.986	237	47919	47.645	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	98461	39.746	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.175	196	110160	40.677	ng		98
46)	1,1'-Biphenyl	9.304	154	456093	39.816	ng		99
47)	2-Chloronaphthalene	9.328	162	341460	40.080	ng		100
48)	2-Nitroaniline	9.433	65	119216	41.277	ng		97
49)	Acenaphthylene	9.745	152	480233	39.744	ng		99
50)	Dimethylphthalate	9.604	163	396316	42.377	ng		100
51)	2,6-Dinitrotoluene	9.675	165	90405	42.834	ng		90
52)	Acenaphthene	9.916	154	323021	39.769	ng		100
53)	3-Nitroaniline	9.845	138	87074	39.908	ng		94
54)	2,4-Dinitrophenol	9.963	184	44762	46.071	ng		87
55)	Dibenzofuran	10.086	168	465060	40.561	ng		98
56)	4-Nitrophenol	10.028	139	56447	43.021	ng		93
57)	2,4-Dinitrotoluene	10.080	165	118576	44.035	ng	#	83
58)	Fluorene	10.427	166	383007	41.948	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.210	232	85030	41.069	ng		96
60)	Diethylphthalate	10.304	149	392422	44.254	ng		100
61)	4-Chlorophenyl-phenyle...	10.416	204	192635	42.898	ng		95
62)	4-Nitroaniline	10.469	138	86663	41.796	ng		90
63)	Azobenzene	10.580	77	398845	40.554	ng		97
65)	4,6-Dinitro-2-methylph...	10.498	198	63626	42.064	ng		98
66)	n-Nitrosodiphenylamine	10.545	169	315882	40.760	ng		99
67)	4-Bromophenyl-phenylether	10.910	248	111751	41.631	ng		98
68)	Hexachlorobenzene	10.975	284	113668	41.012	ng		97
69)	Atrazine	11.069	200	73548	36.784	ng		98
70)	Pentachlorophenol	11.180	266	60194	48.183	ng		98
71)	Phenanthrene	11.392	178	521085	40.816	ng		100
72)	Anthracene	11.445	178	510139	40.562	ng		100
73)	Carbazole	11.604	167	437899	40.357	ng		99
74)	Di-n-butylphthalate	11.922	149	560651	45.963	ng		99
75)	Fluoranthene	12.580	202	480391	40.307	ng		99
77)	Benzidine	12.704	184	119714	43.325	ng		99
78)	Pyrene	12.810	202	482435	44.353	ng		100
80)	Butylbenzylphthalate	13.416	149	154344	44.312	ng		99
81)	Benzo(a)anthracene	13.998	228	323951	40.721	ng		99
82)	3,3'-Dichlorobenzidine	13.957	252	86086	42.286	ng		99
83)	Chrysene	14.033	228	285552	39.786	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.968	149	201163	39.440	ng		98
85)	Di-n-octyl phthalate	14.580	149	351563	37.255	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.956	276	321131	38.033	ng		96
88)	Benzo(b)fluoranthene	15.045	252	289097	39.582	ng		98
89)	Benzo(k)fluoranthene	15.074	252	262435	41.500	ng		98
90)	Benzo(a)pyrene	15.410	252	250070	40.704	ng		99
91)	Dibenzo(a,h)anthracene	16.962	278	262197	37.829	ng		98
92)	Benzo(g,h,i)perylene	17.398	276	267113	37.138	ng		96

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

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