Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138782.D
Acq On : 05 Aug 2024 13:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 13:31:56 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 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	48388	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	198243	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	108604	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	184666	20.000	ng		0.00
76) Chrysene-d12	14.010	240	90377	20.000	ng		0.00
86) Perylene-d12	15.474	264	91462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	248410	79.247	ng		0.00
7) Phenol-d6	6.492	99	332063	78.901	ng		0.00
23) Nitrobenzene-d5	7.416	82	321783	79.359	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	81131	91.198	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	609329	84.298	ng		0.00
79) Terphenyl-d14	12.951	244	502160	93.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	49346	35.957	ng		96
3) Pyridine	3.369	79	125721	37.817	ng		94
4) n-Nitrosodimethylamine	3.334	42	77639	39.212	ng		94
6) Aniline	6.510	93	146683	39.081	ng	#	50
8) 2-Chlorophenol	6.640	128	135013	40.938	ng		95
9) Benzaldehyde	6.398	77	108314	42.933	ng		98
10) Phenol	6.504	94	172935	39.027	ng		86
11) bis(2-Chloroethyl)ether	6.587	93	129286	37.915	ng		96
12) 1,3-Dichlorobenzene	6.787	146	148121	40.123	ng		99
13) 1,4-Dichlorobenzene	6.863	146	149318	40.079	ng		98
14) 1,2-Dichlorobenzene	7.016	146	142801	41.013	ng		99
15) Benzyl Alcohol	6.998	79	125521	41.381	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	192224	32.756	ng		76
17) 2-Methylphenol	7.110	107	107658	39.532	ng		92
18) Hexachloroethane	7.357	117	56569	40.337	ng		97
19) n-Nitroso-di-n-propyla...	7.263	70	102144	40.184	ng		98
20) 3+4-Methylphenols	7.263	107	145241	41.567	ng		94
22) Acetophenone	7.263	105	198712	40.938	ng		99
24) Nitrobenzene	7.434	77	160893	38.995	ng		98
25) Isophorone	7.675	82	265135	38.294	ng		99
26) 2-Nitrophenol	7.745	139	73621	41.473	ng		98
27) 2,4-Dimethylphenol	7.787	122	83041	39.098	ng		98
28) bis(2-Chloroethoxy)met...	7.881	93	161063	38.200	ng		100
29) 2,4-Dichlorophenol	7.992	162	110585	40.519	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	126142	40.051	ng		98
31) Naphthalene	8.151	128	412444	39.525	ng		99
32) Benzoic acid	7.934	122	69198m	41.447	ng		
33) 4-Chloroaniline	8.204	127	127021	36.263	ng		99
34) Hexachlorobutadiene	8.263	225	78450	41.123	ng		99
35) Caprolactam	8.592	113	34086	41.857	ng	#	88
36) 4-Chloro-3-methylphenol	8.692	107	128035	41.049	ng		99
37) 2-Methylnaphthalene	8.839	142	266563	40.448	ng		99
38) 1-Methylnaphthalene	8.939	142	261133	40.437	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	123885	41.064	ng		99
41) Hexachlorocyclopentadiene	8.986	237	25056	35.611	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	74703	40.612	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	81641	40.599	ng	99
46) 1,1'-Biphenyl	9.304	154	341462	40.145	ng	99
47) 2-Chloronaphthalene	9.334	162	255874	40.448	ng	99
48) 2-Nitroaniline	9.433	65	85369	39.807	ng	98
49) Acenaphthylene	9.745	152	360170	40.143	ng	99
50) Dimethylphthalate	9.610	163	291108	41.921	ng	100
51) 2,6-Dinitrotoluene	9.675	165	66170	42.222	ng	97
52) Acenaphthene	9.916	154	241171	39.987	ng	99
53) 3-Nitroaniline	9.845	138	64286	39.680	ng	99
54) 2,4-Dinitrophenol	9.957	184	30792	42.682	ng	91
55) Dibenzofuran	10.086	168	347976	40.873	ng	99
56) 4-Nitrophenol	10.022	139	35829	36.775	ng	95
57) 2,4-Dinitrotoluene	10.081	165	88968	44.495	ng	94
58) Fluorene	10.433	166	288791	42.596	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	61083	39.732	ng	95
60) Diethylphthalate	10.304	149	285937	43.427	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	142825	42.834	ng	99
62) 4-Nitroaniline	10.463	138	64036	41.592	ng	93
63) Azobenzene	10.580	77	292326	40.030	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	48934	43.434	ng	96
66) n-Nitrosodiphenylamine	10.545	169	234906	40.696	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	83553	41.790	ng	98
68) Hexachlorobenzene	10.980	284	85272	41.307	ng	97
69) Atrazine	11.069	200	57871	38.859	ng	98
70) Pentachlorophenol	11.180	266	35680	38.345	ng	98
71) Phenanthrene	11.398	178	393324	41.364	ng	100
72) Anthracene	11.445	178	390879	41.727	ng	100
73) Carbazole	11.604	167	335762	41.545	ng	99
74) Di-n-butylphthalate	11.927	149	420965	46.335	ng	100
75) Fluoranthene	12.580	202	378067	42.589	ng	99
77) Benzidine	12.704	184	58036m	26.848	ng	
78) Pyrene	12.810	202	365602	42.965	ng	99
80) Butylbenzylphthalate	13.421	149	115517	42.393	ng	97
81) Benzo(a)anthracene	13.998	228	243376	39.106	ng	98
82) 3,3'-Dichlorobenzidine	13.963	252	64991	40.807	ng	96
83) Chrysene	14.039	228	230997	41.140	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	148580	37.237	ng	99
85) Di-n-octyl phthalate	14.592	149	265855	36.012	ng	97
87) Indeno(1,2,3-cd)pyrene	16.957	276	252965	38.594	ng	96
88) Benzo(b)fluoranthene	15.051	252	223347	39.393	ng	98
89) Benzo(k)fluoranthene	15.080	252	205616	41.886	ng	98
90) Benzo(a)pyrene	15.415	252	191724	40.202	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	207779	38.618	ng	97
92) Benzo(g,h,i)perylene	17.404	276	207303	37.129	ng	97

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

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