Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045739.D
Acq On : 22 May 2024 11:22
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 23 04:01:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 03:54:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	229668	20.000	ng		0.00
21) Naphthalene-d8	10.339	136	1001482	20.000	ng		0.00
39) Acenaphthene-d10	14.204	164	678434	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	1437269	20.000	ng		0.00
76) Chrysene-d12	21.162	240	1344342	20.000	ng		0.00
86) Perylene-d12	23.956	264	1564210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.251	112	135579	10.525	ng		0.00
7) Phenol-d6	6.845	99	178994	10.350	ng		0.00
23) Nitrobenzene-d5	8.739	82	181731	9.871	ng		0.00
42) 2,4,6-Tribromophenol	15.704	330	64201	8.934	ng		0.00
45) 2-Fluorobiphenyl	12.827	172	461571	10.935	ng		0.00
79) Terphenyl-d14	19.586	244	749330	10.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	28007	5.238	ng		97
3) Pyridine	3.652	79	68508m	4.750	ng		
4) n-Nitrosodimethylamine	3.516	42	40759	4.933	ng	#	93
6) Aniline	6.957	93	85748	5.184	ng		97
8) 2-Chlorophenol	7.175	128	74590	5.287	ng		98
10) Phenol	6.875	94	93262	5.336	ng		97
11) bis(2-Chloroethyl)ether	7.034	93	81818	5.401	ng		97
12) 1,3-Dichlorobenzene	7.463	146	90162	5.362	ng		97
13) 1,4-Dichlorobenzene	7.610	146	90081	5.313	ng		99
14) 1,2-Dichlorobenzene	7.928	146	87882	5.547	ng		98
15) Benzyl Alcohol	7.887	79	68599	5.079	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.128	45	127199m	5.411	ng		
17) 2-Methylphenol	8.087	107	61704	5.093	ng		97
18) Hexachloroethane	8.639	117	33833	5.140	ng		96
19) n-Nitroso-di-n-propyla...	8.422	70	66446	5.465	ng		97
20) 3+4-Methylphenols	8.422	107	84519	5.239	ng		94
22) Acetophenone	8.428	105	127441	5.502	ng		97
24) Nitrobenzene	8.781	77	94754	5.060	ng		98
25) Isophorone	9.345	82	169200	4.937	ng		99
26) 2-Nitrophenol	9.486	139	27741	5.984	ng		96
27) 2,4-Dimethylphenol	9.598	122	52138	4.988	ng		99
28) bis(2-Chloroethoxy)met...	9.816	93	108036	5.120	ng		98
29) 2,4-Dichlorophenol	10.039	162	64825	4.535	ng		99
30) 1,2,4-Trichlorobenzene	10.204	180	83052	5.131	ng		98
31) Naphthalene	10.392	128	262743	5.296	ng		99
33) 4-Chloroaniline	10.569	127	94213	4.974	ng		99
34) Hexachlorobutadiene	10.681	225	50661	5.105	ng		98
35) Caprolactam	11.504	113	17784	3.848	ng		99
36) 4-Chloro-3-methylphenol	11.716	107	76104	4.682	ng		98
37) 2-Methylnaphthalene	12.010	142	183175	5.300	ng		97
38) 1-Methylnaphthalene	12.227	142	181554	5.324	ng		100
40) 1,2,4,5-Tetrachloroben...	12.374	216	89147	5.095	ng		99
41) Hexachlorocyclopentadiene	12.363	237	33735	4.607	ng		99
43) 2,4,6-Trichlorophenol	12.651	196	51052	4.324	ng		99
44) 2,4,5-Trichlorophenol	12.745	196	56198	4.276	ng		95
46) 1,1'-Biphenyl	13.039	154	241710	5.285	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.069	162	189701	5.300	ng		99
48) 2-Nitroaniline	13.322	65	43403	3.843	ng		97
49) Acenaphthylene	13.927	152	279730	5.155	ng		99
50) Dimethylphthalate	13.710	163	230220	5.017	ng		99
51) 2,6-Dinitrotoluene	13.804	165	39629	4.023	ng		84
52) Acenaphthene	14.269	154	176812	5.198	ng		98
53) 3-Nitroaniline	14.163	138	39171	3.899	ng	#	93
55) Dibenzofuran	14.610	168	287469	5.360	ng		98
57) 2,4-Dinitrotoluene	14.598	165	50170	3.836	ng	#	85
58) Fluorene	15.257	166	235043	5.362	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.857	232	47230	4.323	ng		96
60) Diethylphthalate	15.068	149	240519	5.016	ng		99
61) 4-Chlorophenyl-phenyle...	15.263	204	114497	5.338	ng		98
62) 4-Nitroaniline	15.333	138	39694	3.978	ng		96
63) Azobenzene	15.551	77	246352	5.302	ng		98
66) n-Nitrosodiphenylamine	15.480	169	192212	5.224	ng		99
67) 4-Bromophenyl-phenylether	16.151	248	70608	5.171	ng		97
68) Hexachlorobenzene	16.251	284	85032	5.227	ng		98
69) Atrazine	16.457	200	63159	5.621	ng		98
70) Pentachlorophenol	16.621	266	37856	3.815	ng		92
71) Phenanthrene	16.992	178	361960	5.336	ng		99
72) Anthracene	17.080	178	347653	5.213	ng		99
73) Carbazole	17.374	167	344757	5.166	ng		100
74) Di-n-butylphthalate	17.939	149	399060	4.815	ng		99
75) Fluoranthene	19.009	202	439093	5.308	ng		99
77) Benzidine	19.227	184	77808	3.389	ng		99
78) Pyrene	19.368	202	451022	4.756	ng		99
80) Butylbenzylphthalate	20.298	149	169669	4.130	ng		99
81) Benzo(a)anthracene	21.145	228	427288	4.990	ng		99
82) 3,3'-Dichlorobenzidine	21.092	252	135637	4.622	ng		98
83) Chrysene	21.203	228	404372	5.035	ng		99
84) Bis(2-ethylhexyl)phtha...	21.092	149	267437	4.637	ng		99
85) Di-n-octyl phthalate	22.150	149	454492	4.518	ng		98
87) Indeno(1,2,3-cd)pyrene	27.044	276	468075	5.201	ng		99
88) Benzo(b)fluoranthene	23.080	252	439292	4.952	ng		100
89) Benzo(k)fluoranthene	23.133	252	433590	5.150	ng		99
90) Benzo(a)pyrene	23.821	252	378121	4.906	ng		98
91) Dibenzo(a,h)anthracene	27.097	278	381297	5.114	ng		98
92) Benzo(g,h,i)perylene	28.003	276	405166	5.239	ng		98

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

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