Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
Data File : BM046339.D
Acq On : 27 Jun 2024 19:33
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 28 02:56:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 02:47:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	106902	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	476287	20.000	ng	0.00
39) Acenaphthene-d10	14.021	164	300545	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	621560	20.000	ng	0.00
76) Chrysene-d12	20.997	240	630254	20.000	ng	0.00
86) Perylene-d12	23.674	264	759781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	664661	99.941	ng	0.00
7) Phenol-d6	6.628	99	949115	100.460	ng	0.00
23) Nitrobenzene-d5	8.539	82	1151665	100.240	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	378708	103.614	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2193380	98.916	ng	0.00
79) Terphenyl-d14	19.433	244	3729791	97.912	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	123120	48.015	ng	97
3) Pyridine	3.422	79	363420m	50.778	ng	
4) n-Nitrosodimethylamine	3.340	42	274452	49.453	ng	99
6) Aniline	6.745	93	427762	49.855	ng	99
8) 2-Chlorophenol	6.963	128	366670	49.486	ng	99
9) Benzaldehyde	6.551	77	240034	47.670	ng	97
10) Phenol	6.657	94	462157	49.419	ng	98
11) bis(2-Chloroethyl)ether	6.834	93	376670	49.612	ng	99
12) 1,3-Dichlorobenzene	7.263	146	403028	49.061	ng	99
13) 1,4-Dichlorobenzene	7.404	146	414206	49.001	ng	99
14) 1,2-Dichlorobenzene	7.722	146	411633	49.391	ng	99
15) Benzyl Alcohol	7.651	79	389622	50.165	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.916	45	621122	48.072	ng	99
17) 2-Methylphenol	7.875	107	323837	49.671	ng	100
18) Hexachloroethane	8.428	117	185320	48.667	ng	98
19) n-Nitroso-di-n-propyla...	8.198	70	363770	50.717	ng	98
20) 3+4-Methylphenols	8.204	107	470370	49.749	ng	98
22) Acetophenone	8.210	105	666574	50.104	ng	98
24) Nitrobenzene	8.575	77	564424	50.010	ng	99
25) Isophorone	9.104	82	954037	48.969	ng	100
26) 2-Nitrophenol	9.275	139	212736	52.665	ng	99
27) 2,4-Dimethylphenol	9.380	122	253601	50.077	ng	99
28) bis(2-Chloroethoxy)met...	9.580	93	533078	49.525	ng	99
29) 2,4-Dichlorophenol	9.822	162	350475	51.245	ng	97
30) 1,2,4-Trichlorobenzene	9.998	180	381605	49.276	ng	98
31) Naphthalene	10.180	128	1273922	48.806	ng	99
32) Benzoic acid	9.628	122	299485	48.964	ng	94
33) 4-Chloroaniline	10.345	127	471393	51.556	ng	99
34) Hexachlorobutadiene	10.463	225	233845	48.979	ng	97
35) Caprolactam	11.175	113	129325	51.653	ng	97
36) 4-Chloro-3-methylphenol	11.492	107	426692	50.144	ng	100
37) 2-Methylnaphthalene	11.804	142	867986	49.307	ng	99
38) 1-Methylnaphthalene	12.027	142	845704	48.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.180	216	400939	50.006	ng	98
41) Hexachlorocyclopentadiene	12.163	237	157299	50.063	ng	95
43) 2,4,6-Trichlorophenol	12.451	196	275329	51.701	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	298789	48.691	ng	98
46) 1,1'-Biphenyl	12.845	154	1110762	49.366	ng	99
47) 2-Chloronaphthalene	12.880	162	870680	49.851	ng	99
48) 2-Nitroaniline	13.139	65	360997	52.063	ng	99
49) Acenaphthylene	13.745	152	1353469	50.266	ng	99
50) Dimethylphthalate	13.521	163	1100082	50.071	ng	99
51) 2,6-Dinitrotoluene	13.633	165	249314	50.957	ng	98
52) Acenaphthene	14.086	154	833994	49.830	ng	99
53) 3-Nitroaniline	13.986	138	259971	52.590	ng	100
54) 2,4-Dinitrophenol	14.180	184	134083	48.376	ng	97
55) Dibenzofuran	14.427	168	1335986	49.816	ng	100
56) 4-Nitrophenol	14.351	139	198960	50.012	ng	100
57) 2,4-Dinitrotoluene	14.433	165	369148	52.136	ng	99
58) Fluorene	15.080	166	1153554	50.287	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	257558	49.798	ng	100
60) Diethylphthalate	14.892	149	1211956	50.146	ng	99
61) 4-Chlorophenyl-phenyle...	15.080	204	532806	49.898	ng	99
62) 4-Nitroaniline	15.168	138	262885	54.450	ng	99
63) Azobenzene	15.380	77	1429594	49.637	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	187040	47.337	ng	97
66) n-Nitrosodiphenylamine	15.310	169	885623	49.055	ng	98
67) 4-Bromophenyl-phenylether	15.974	248	308638	48.631	ng	95
68) Hexachlorobenzene	16.080	284	366922	48.968	ng	93
69) Atrazine	16.286	200	236809	47.453	ng	99
70) Pentachlorophenol	16.451	266	243472	51.660	ng	97
71) Phenanthrene	16.821	178	1639274	49.561	ng	99
72) Anthracene	16.915	178	1602969	49.824	ng	99
73) Carbazole	17.204	167	1616162	51.017	ng	99
74) Di-n-butylphthalate	17.768	149	2165226	50.872	ng	100
75) Fluoranthene	18.845	202	1997326	51.103	ng	100
77) Benzidine	19.062	184	350202	53.618	ng	99
78) Pyrene	19.209	202	2100575	47.982	ng	99
80) Butylbenzylphthalate	20.139	149	1037522	50.370	ng	100
81) Benzo(a)anthracene	20.980	228	2057221	49.759	ng	99
82) 3,3'-Dichlorobenzidine	20.933	252	689235	51.973	ng	98
83) Chrysene	21.039	228	1964906	49.694	ng	100
84) Bis(2-ethylhexyl)phtha...	20.927	149	1647696	46.886	ng	100
85) Di-n-octyl phthalate	21.939	149	2714813	52.135	ng	100
87) Indeno(1,2,3-cd)pyrene	26.638	276	2530166	51.922	ng	100
88) Benzo(b)fluoranthene	22.844	252	2217432	49.274	ng	100
89) Benzo(k)fluoranthene	22.897	252	2174561	48.576	ng	99
90) Benzo(a)pyrene	23.550	252	1977832	50.038	ng	99
91) Dibenzo(a,h)anthracene	26.679	278	2132776	52.417	ng	98
92) Benzo(g,h,i)perylene	27.556	276	2123619	52.692	ng	99

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

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