Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
Data File : BM046342.D
Acq On : 27 Jun 2024 22:12
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM062724

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

Quant Time: Jun 28 03:27:03 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 03:23:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	153167	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	723876	20.000	ng	0.00
39) Acenaphthene-d10	14.021	164	480292	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	989997	20.000	ng	0.00
76) Chrysene-d12	20.997	240	982254	20.000	ng	0.00
86) Perylene-d12	23.668	264	1145563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.046	112	801662	84.131	ng	0.00
7) Phenol-d6	6.634	99	1178419	87.055	ng	0.00
23) Nitrobenzene-d5	8.539	82	1450890	83.091	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	496737	85.044	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2907377	82.046	ng	0.00
79) Terphenyl-d14	19.427	244	4942811	83.256	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	140893	38.349	ng	97
3) Pyridine	3.416	79	449897m	43.823	ng	
4) n-Nitrosodimethylamine	3.334	42	335068	42.139	ng	99
6) Aniline	6.745	93	541042	44.011	ng	98
8) 2-Chlorophenol	6.963	128	451958	42.572	ng	100
9) Benzaldehyde	6.545	77	326861	43.064	ng	98
10) Phenol	6.657	94	580021	43.300	ng	98
11) bis(2-Chloroethyl)ether	6.834	93	463117	42.574	ng	99
12) 1,3-Dichlorobenzene	7.257	146	493525	41.931	ng	100
13) 1,4-Dichlorobenzene	7.404	146	500526	41.327	ng	99
14) 1,2-Dichlorobenzene	7.716	146	501750	42.019	ng	99
15) Benzyl Alcohol	7.651	79	498778	44.822	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.916	45	766080	41.382	ng	100
17) 2-Methylphenol	7.869	107	406182	43.483	ng	98
18) Hexachloroethane	8.428	117	225052	41.249	ng	96
19) n-Nitroso-di-n-propyla...	8.198	70	473892	46.113	ng	96
20) 3+4-Methylphenols	8.204	107	606531	44.773	ng	99
22) Acetophenone	8.210	105	855514	42.311	ng	98
24) Nitrobenzene	8.581	77	710832	41.441	ng	98
25) Isophorone	9.104	82	1235045	41.711	ng	99
26) 2-Nitrophenol	9.275	139	283112	46.116	ng	97
27) 2,4-Dimethylphenol	9.375	122	331174	43.027	ng	99
28) bis(2-Chloroethoxy)met...	9.581	93	692054	42.304	ng	99
29) 2,4-Dichlorophenol	9.822	162	452983	43.579	ng	96
30) 1,2,4-Trichlorobenzene	9.998	180	486820	41.361	ng	99
31) Naphthalene	10.181	128	1635581	41.229	ng	100
32) Benzoic acid	9.645	122	400936	43.450	ng	99
33) 4-Chloroaniline	10.339	127	616927	44.395	ng	99
34) Hexachlorobutadiene	10.463	225	300029	41.348	ng	98
35) Caprolactam	11.186	113	169757m	44.586	ng	
36) 4-Chloro-3-methylphenol	11.492	107	555756	42.972	ng	99
37) 2-Methylnaphthalene	11.798	142	1117305	41.761	ng	99
38) 1-Methylnaphthalene	12.028	142	1113054	42.076	ng	98
40) 1,2,4,5-Tetrachloroben...	12.180	216	511344	39.908	ng	99
41) Hexachlorocyclopentadiene	12.157	237	197207	39.275	ng	98
43) 2,4,6-Trichlorophenol	12.451	196	364920	42.879	ng	99

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44) 2,4,5-Trichlorophenol	12.539	196	400106	40.800	ng		98
46) 1,1'-Biphenyl	12.845	154	1457460	40.533	ng		100
47) 2-Chloronaphthalene	12.880	162	1145273	41.033	ng		99
48) 2-Nitroaniline	13.139	65	476563	43.008	ng		95
49) Acenaphthylene	13.739	152	1776489	41.285	ng		99
50) Dimethylphthalate	13.527	163	1449691	41.290	ng		100
51) 2,6-Dinitrotoluene	13.633	165	329240	42.109	ng		97
52) Acenaphthene	14.086	154	1103406	41.254	ng		99
53) 3-Nitroaniline	13.986	138	352303	44.597	ng		99
54) 2,4-Dinitrophenol	14.180	184	185188	42.453	ng		96
55) Dibenzofuran	14.427	168	1781075	41.558	ng		100
56) 4-Nitrophenol	14.351	139	274688	43.703	ng		98
57) 2,4-Dinitrotoluene	14.433	165	497770	43.992	ng		96
58) Fluorene	15.080	166	1543795	42.112	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.674	232	345890	41.848	ng		100
60) Diethylphthalate	14.892	149	1609658	41.676	ng		99
61) 4-Chlorophenyl-phenyle...	15.080	204	715738	41.944	ng		99
62) 4-Nitroaniline	15.168	138	360757	46.535	ng		97
63) Azobenzene	15.380	77	1875583	40.750	ng		99
65) 4,6-Dinitro-2-methylph...	15.198	198	256599	41.314	ng		98
66) n-Nitrosodiphenylamine	15.310	169	1186342	41.256	ng		100
67) 4-Bromophenyl-phenylether	15.974	248	408490	40.410	ng		94
68) Hexachlorobenzene	16.080	284	484429	40.590	ng		93
69) Atrazine	16.286	200	334926	42.137	ng		99
70) Pentachlorophenol	16.451	266	334596	44.573	ng		98
71) Phenanthrene	16.815	178	2168322	41.159	ng		100
72) Anthracene	16.910	178	2126526	41.499	ng		100
73) Carbazole	17.204	167	2151095	42.632	ng		99
74) Di-n-butylphthalate	17.768	149	2920742	43.084	ng		100
75) Fluoranthene	18.845	202	2664188	42.797	ng		99
77) Benzidine	19.062	184	491102	48.187	ng		98
78) Pyrene	19.209	202	2789444	40.884	ng		99
80) Butylbenzylphthalate	20.139	149	1404502	43.751	ng		95
81) Benzo(a)anthracene	20.980	228	2704206	41.968	ng		99
82) 3,3'-Dichlorobenzidine	20.927	252	938529	45.410	ng		99
83) Chrysene	21.039	228	2563017	41.591	ng		99
84) Bis(2-ethylhexyl)phtha...	20.927	149	2246208	41.317	ng		100
85) Di-n-octyl phthalate	21.939	149	3543895	43.668	ng		99
87) Indeno(1,2,3-cd)pyrene	26.632	276	3145647	42.814	ng	#	73
88) Benzo(b)fluoranthene	22.839	252	2867651	42.264	ng		99
89) Benzo(k)fluoranthene	22.897	252	2759316	40.881	ng		99
90) Benzo(a)pyrene	23.550	252	2514478	42.192	ng		98
91) Dibenzo(a,h)anthracene	26.674	278	2673607	43.580	ng		99
92) Benzo(g,h,i)perylene	27.562	276	2602227	42.824	ng		98

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

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