Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043916.D
Acq On : 26 Jan 2024 16:05
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM012624

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 04:30:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 04:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	328331	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1316448	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	742241	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1528387	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1480735	20.000	ng	0.00
86) Perylene-d12	23.927	264	1688596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1779571	82.187	ng	0.00
7) Phenol-d6	7.087	99	2349185	80.966	ng	0.00
23) Nitrobenzene-d5	9.092	82	2187580	80.872	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	760395	86.468	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4678813	79.947	ng	0.00
79) Terphenyl-d14	19.956	244	7311259	79.155	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	363637	39.539	ng	97
3) Pyridine	3.787	79	965455m	38.455	ng	
4) n-Nitrosodimethylamine	3.710	42	454544	38.675	ng	94
6) Aniline	7.251	93	1101079	38.978	ng	98
8) 2-Chlorophenol	7.481	128	913319	40.543	ng	98
9) Benzaldehyde	7.063	77	629926	39.324	ng	100
10) Phenol	7.110	94	1140465	39.944	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	933326	38.557	ng	98
12) 1,3-Dichlorobenzene	7.804	146	1044844	39.198	ng	99
13) 1,4-Dichlorobenzene	7.957	146	1051013	38.964	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1013454	39.112	ng	100
15) Benzyl Alcohol	8.169	79	767430	40.315	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1368591	37.907	ng	99
17) 2-Methylphenol	8.363	107	732973	40.182	ng	98
18) Hexachloroethane	8.998	117	401321	39.565	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	752511	38.603	ng	100
20) 3+4-Methylphenols	8.698	107	1001208	40.683	ng	98
22) Acetophenone	8.751	105	1376923	39.035	ng	99
24) Nitrobenzene	9.134	77	1082322	39.638	ng	98
25) Isophorone	9.657	82	1991634	39.552	ng	99
26) 2-Nitrophenol	9.839	139	388827	40.380	ng	98
27) 2,4-Dimethylphenol	9.904	122	597532	41.858	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1209741	39.081	ng	100
29) 2,4-Dichlorophenol	10.369	162	778837	42.870	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	916879	39.863	ng	98
31) Naphthalene	10.775	128	2917336	39.692	ng	100
32) Benzoic acid	10.034	122	421531	43.641	ng	94
33) 4-Chloroaniline	10.892	127	1098828	39.911	ng	99
34) Hexachlorobutadiene	11.051	225	534344	39.709	ng	100
35) Caprolactam	11.675	113	257797	42.444	ng	93
36) 4-Chloro-3-methylphenol	12.016	107	847001	42.245	ng	98
37) 2-Methylnaphthalene	12.386	142	1963215	39.281	ng	100
38) 1-Methylnaphthalene	12.604	142	1938572	39.460	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	933636	40.146	ng	99
41) Hexachlorocyclopentadiene	12.722	237	299911	40.742	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	588172	39.723	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	660653	44.501	ng	98
46) 1,1'-Biphenyl	13.404	154	2432363	39.626	ng	99
47) 2-Chloronaphthalene	13.439	162	1930618	39.876	ng	100
48) 2-Nitroaniline	13.651	65	561190	40.672	ng	97
49) Acenaphthylene	14.286	152	2878048	40.480	ng	100
50) Dimethylphthalate	14.033	163	2230424	40.825	ng	99
51) 2,6-Dinitrotoluene	14.157	165	484584	44.471	ng	95
52) Acenaphthene	14.627	154	1810038	40.043	ng	100
53) 3-Nitroaniline	14.480	138	523445	44.907	ng	99
54) 2,4-Dinitrophenol	14.686	184	150307	44.786	ng	91
55) Dibenzofuran	14.963	168	2755574	40.047	ng	100
56) 4-Nitrophenol	14.780	139	425296	45.508	ng	95
57) 2,4-Dinitrotoluene	14.939	165	647835	40.938	ng	95
58) Fluorene	15.616	166	2334564	40.406	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	534772	40.591	ng	98
60) Diethylphthalate	15.404	149	2337418	41.478	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	1132920	39.774	ng	98
62) 4-Nitroaniline	15.645	138	561064	46.287	ng	97
63) Azobenzene	15.910	77	2406935	39.189	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	239039	43.485	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1905458	39.272	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	681611	39.188	ng	98
68) Hexachlorobenzene	16.610	284	790580	39.035	ng	98
69) Atrazine	16.792	200	546221	41.942	ng	99
70) Pentachlorophenol	16.957	266	461659	39.304	ng	98
71) Phenanthrene	17.357	178	3386822	39.809	ng	99
72) Anthracene	17.451	178	3371414	40.236	ng	100
73) Carbazole	17.727	167	3300603	41.318	ng	99
74) Di-n-butylphthalate	18.309	149	4064134	43.205	ng	99
75) Fluoranthene	19.380	202	4049560	41.981	ng	99
77) Benzidine	19.574	184	685928	37.445	ng	99
78) Pyrene	19.745	202	4301596	38.897	ng	100
80) Butylbenzylphthalate	20.668	149	1670377	39.374	ng	98
81) Benzo(a)anthracene	21.503	228	4183542	40.102	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1307488	42.013	ng	98
83) Chrysene	21.556	228	3969848	39.891	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	2813740	39.178	ng	100
85) Di-n-octyl phthalate	22.403	149	4522913	40.204	ng	98
87) Indeno(1,2,3-cd)pyrene	26.438	276	4961992	39.762	ng	100
88) Benzo(b)fluoranthene	23.197	252	4203865	38.800	ng	99
89) Benzo(k)fluoranthene	23.250	252	4280986	40.010	ng	100
90) Benzo(a)pyrene	23.827	252	3723907	39.793	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	4125741	39.811	ng	100
92) Benzo(g,h,i)perylene	27.209	276	4083538	39.652	ng	99

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

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