Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043978.D
Acq On : 05 Feb 2024 15:13
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 06:47:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 06:29:52 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	290547	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1344351	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	837192	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1844157	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1939133	20.000	ng		0.00
86) Perylene-d12	23.933	264	2311060	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2511269	127.638	ng		0.00
7) Phenol-d6	7.093	99	3746834	128.890	ng		0.00
23) Nitrobenzene-d5	9.098	82	3516202	126.083	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1339127	131.219	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	7555914	124.014	ng		0.00
79) Terphenyl-d14	19.962	244	12054285	120.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	468728	61.643	ng		99
3) Pyridine	3.793	79	1268173	54.924	ng		99
4) n-Nitrosodimethylamine	3.716	42	628987	63.229	ng		92
6) Aniline	7.257	93	1837296	63.521	ng		98
8) 2-Chlorophenol	7.487	128	1385017	63.403	ng		98
9) Benzaldehyde	7.069	77	736828m	57.935	ng		
10) Phenol	7.116	94	1828940	63.277	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	1400116	61.805	ng		99
12) 1,3-Dichlorobenzene	7.810	146	1452161	61.572	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1472676	61.742	ng		98
14) 1,2-Dichlorobenzene	8.275	146	1442149	61.309	ng		100
15) Benzyl Alcohol	8.169	79	1264740	63.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1843022m	60.845	ng		
17) 2-Methylphenol	8.369	107	1179179	63.821	ng		98
18) Hexachloroethane	8.998	117	549780	61.424	ng		99
19) n-Nitroso-di-n-propyla...	8.745	70	1195743	62.511	ng		99
20) 3+4-Methylphenols	8.704	107	1677752	64.337	ng		98
22) Acetophenone	8.757	105	2243236	61.583	ng	#	99
24) Nitrobenzene	9.139	77	1739886	62.182	ng		98
25) Isophorone	9.663	82	3284158	63.260	ng		100
26) 2-Nitrophenol	9.845	139	771686	68.238	ng		99
27) 2,4-Dimethylphenol	9.904	122	1000324	64.421	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1941054	61.225	ng		100
29) 2,4-Dichlorophenol	10.375	162	1304054	65.843	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	1387979	62.048	ng		99
31) Naphthalene	10.781	128	4642842	61.961	ng		99
32) Benzoic acid	10.063	122	1067318	60.357	ng		93
33) 4-Chloroaniline	10.898	127	1952298	63.389	ng		99
34) Hexachlorobutadiene	11.051	225	754922	61.878	ng		100
35) Caprolactam	11.698	113	544735	67.080	ng		99
36) 4-Chloro-3-methylphenol	12.022	107	1567028	64.611	ng		99
37) 2-Methylnaphthalene	12.392	142	3235321	61.915	ng		100
38) 1-Methylnaphthalene	12.610	142	3225323	61.830	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1482081	62.418	ng		100
41) Hexachlorocyclopentadiene	12.727	237	503868	64.521	ng		100
43) 2,4,6-Trichlorophenol	12.998	196	1057849	65.924	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	1193162	65.174	ng	99
46) 1,1'-Biphenyl	13.404	154	4082414	62.009	ng	100
47) 2-Chloronaphthalene	13.445	162	3254905	61.994	ng	99
48) 2-Nitroaniline	13.657	65	1121034	65.648	ng	99
49) Acenaphthylene	14.292	152	5037635	62.768	ng	100
50) Dimethylphthalate	14.039	163	3984803	61.277	ng	99
51) 2,6-Dinitrotoluene	14.163	165	927670	64.898	ng	94
52) Acenaphthene	14.633	154	3169995	62.306	ng	98
53) 3-Nitroaniline	14.486	138	1085540	65.416	ng	98
54) 2,4-Dinitrophenol	14.692	184	518919	60.565	ng	91
55) Dibenzofuran	14.969	168	4837312	61.094	ng	99
56) 4-Nitrophenol	14.786	139	960471	66.231	ng	99
57) 2,4-Dinitrotoluene	14.945	165	1326537	66.667	ng	95
58) Fluorene	15.616	166	4141159	61.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	1001722	63.469	ng	99
60) Diethylphthalate	15.404	149	4150435	61.653	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	1919484	61.530	ng	97
62) 4-Nitroaniline	15.651	138	1188599	65.510	ng	98
63) Azobenzene	15.910	77	4193735	62.372	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	712574	60.625	ng	98
66) n-Nitrosodiphenylamine	15.839	169	3463459	63.049	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	1161390	63.928	ng	99
68) Hexachlorobenzene	16.615	284	1345605	62.122	ng	95
69) Atrazine	16.798	200	881635	58.012	ng	99
70) Pentachlorophenol	16.962	266	969569	68.168	ng	100
71) Phenanthrene	17.362	178	6411726	62.422	ng	100
72) Anthracene	17.457	178	6398015	63.622	ng	99
73) Carbazole	17.733	167	6555606	62.945	ng	100
74) Di-n-butylphthalate	18.309	149	7416583	64.934	ng	100
75) Fluoranthene	19.386	202	8023545	63.165	ng	99
77) Benzidine	19.580	184	1965401	79.884	ng	100
78) Pyrene	19.751	202	8528463	63.982	ng	100
80) Butylbenzylphthalate	20.668	149	3558236	67.414	ng	99
81) Benzo(a)anthracene	21.509	228	8454251	62.144	ng	99
82) 3,3'-Dichlorobenzidine	21.445	252	2844426	65.390	ng	100
83) Chrysene	21.562	228	8001716	61.393	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	5186449	66.075	ng	98
85) Di-n-octyl phthalate	22.403	149	9120058	67.447	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	10718047	61.979	ng	100
88) Benzo(b)fluoranthene	23.209	252	9381264	64.533	ng	99
89) Benzo(k)fluoranthene	23.256	252	8649540	62.017	ng	99
90) Benzo(a)pyrene	23.833	252	8199237	63.810	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	8789156	61.628	ng	99
92) Benzo(g,h,i)perylene	27.227	276	8877108	61.025	ng	99

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

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