Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043910.D
Acq On : 26 Jan 2024 12:27
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 27 04:21:01 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 04:17:07 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	255635	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1028306	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	570024	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	1157268	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1087306	20.000	ng		0.00
86) Perylene-d12	23.927	264	1250159	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	325287	19.295	ng		0.00
7) Phenol-d6	7.081	99	425008	18.814	ng		0.00
23) Nitrobenzene-d5	9.086	82	403960	19.119	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	98450	14.577	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	874610	19.460	ng		0.00
79) Terphenyl-d14	19.956	244	1244252	18.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	73574	10.275	ng		99
3) Pyridine	3.787	79	196935	10.081	ng		98
4) n-Nitrosodimethylamine	3.710	42	89044	9.731	ng	#	91
6) Aniline	7.245	93	211560	9.619	ng		99
8) 2-Chlorophenol	7.481	128	165985	9.463	ng		99
9) Benzaldehyde	7.063	77	147050	11.792	ng		98
10) Phenol	7.110	94	213386	9.599	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	181584	9.635	ng		99
12) 1,3-Dichlorobenzene	7.804	146	207563	10.001	ng		96
13) 1,4-Dichlorobenzene	7.957	146	206837	9.849	ng		99
14) 1,2-Dichlorobenzene	8.269	146	200179	9.923	ng		100
15) Benzyl Alcohol	8.163	79	134690	9.088	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.457	45	277576	9.874	ng		98
17) 2-Methylphenol	8.363	107	131969	9.292	ng		95
18) Hexachloroethane	8.992	117	76478	9.684	ng		95
19) n-Nitroso-di-n-propyla...	8.734	70	142046	9.359	ng		97
20) 3+4-Methylphenols	8.692	107	170760	8.912	ng		97
22) Acetophenone	8.751	105	271848	9.866	ng	#	97
24) Nitrobenzene	9.134	77	208299	9.766	ng		99
25) Isophorone	9.657	82	362746	9.222	ng		100
26) 2-Nitrophenol	9.839	139	39330	10.833	ng		95
27) 2,4-Dimethylphenol	9.898	122	100788	9.039	ng		97
28) bis(2-Chloroethoxy)met...	10.151	93	228318	9.443	ng		98
29) 2,4-Dichlorophenol	10.369	162	121309	8.548	ng		98
30) 1,2,4-Trichlorobenzene	10.586	180	175463	9.766	ng		99
31) Naphthalene	10.775	128	563162	9.809	ng		100
32) Benzoic acid	9.969	122	37098m	10.746	ng		
33) 4-Chloroaniline	10.892	127	202655	9.423	ng		98
34) Hexachlorobutadiene	11.051	225	102977	9.797	ng		98
35) Caprolactam	11.651	113	34130	7.194	ng		99
36) 4-Chloro-3-methylphenol	12.010	107	132996	8.492	ng		99
37) 2-Methylnaphthalene	12.386	142	371883	9.526	ng		99
38) 1-Methylnaphthalene	12.604	142	363644	9.476	ng		100
40) 1,2,4,5-Tetrachloroben...	12.751	216	174101	9.748	ng		99
41) Hexachlorocyclopentadiene	12.722	237	43245	7.649	ng		96
43) 2,4,6-Trichlorophenol	12.998	196	79864	10.357	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	95671	8.391	ng		98
46) 1,1'-Biphenyl	13.404	154	464064	9.844	ng		99
47) 2-Chloronaphthalene	13.439	162	369044	9.925	ng		100
48) 2-Nitroaniline	13.651	65	68813	9.981	ng		99
49) Acenaphthylene	14.286	152	528047	9.671	ng		100
50) Dimethylphthalate	14.033	163	395261	9.421	ng		99
51) 2,6-Dinitrotoluene	14.151	165	70035	8.369	ng		86
52) Acenaphthene	14.627	154	334835	9.645	ng		98
53) 3-Nitroaniline	14.474	138	74740	8.349	ng	#	95
54) 2,4-Dinitrophenol	14.680	184	12847	10.594	ng		98
55) Dibenzofuran	14.963	168	519879	9.838	ng		100
56) 4-Nitrophenol	14.774	139	48835	6.804	ng		94
57) 2,4-Dinitrotoluene	14.933	165	78060	9.818	ng		91
58) Fluorene	15.615	166	421827	9.507	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	76874	10.290	ng		96
60) Diethylphthalate	15.398	149	397793	9.192	ng		100
61) 4-Chlorophenyl-phenyle...	15.615	204	208623	9.537	ng		98
62) 4-Nitroaniline	15.633	138	79637	8.555	ng		94
63) Azobenzene	15.910	77	461315	9.780	ng		99
65) 4,6-Dinitro-2-methylph...	15.692	198	18861	10.531	ng		99
66) n-Nitrosodiphenylamine	15.833	169	340929	9.280	ng		99
67) 4-Bromophenyl-phenylether	16.515	248	120810	9.173	ng		95
68) Hexachlorobenzene	16.610	284	147304	9.606	ng		99
69) Atrazine	16.792	200	89782	9.105	ng		96
70) Pentachlorophenol	16.957	266	51835	11.372	ng		100
71) Phenanthrene	17.357	178	623641	9.681	ng		99
72) Anthracene	17.451	178	601384	9.479	ng		99
73) Carbazole	17.727	167	583748	9.651	ng		99
74) Di-n-butylphthalate	18.309	149	583757	8.196	ng		100
75) Fluoranthene	19.380	202	696614	9.537	ng		99
77) Benzidine	19.574	184	54943	4.085	ng		100
78) Pyrene	19.739	202	739883	9.111	ng		100
80) Butylbenzylphthalate	20.668	149	148994	10.004	ng		98
81) Benzo(a)anthracene	21.497	228	734334	9.586	ng		100
82) 3,3'-Dichlorobenzidine	21.439	252	168508	7.374	ng		99
83) Chrysene	21.556	228	710936	9.729	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	300371	9.771	ng		100
85) Di-n-octyl phthalate	22.409	149	417698	11.834	ng		97
87) Indeno(1,2,3-cd)pyrene	26.432	276	860847	9.317	ng		100
88) Benzo(b)fluoranthene	23.197	252	745087	9.289	ng		99
89) Benzo(k)fluoranthene	23.244	252	738119	9.318	ng		100
90) Benzo(a)pyrene	23.821	252	630314	9.098	ng		99
91) Dibenzo(a,h)anthracene	26.468	278	709762	9.251	ng		99
92) Benzo(g,h,i)perylene	27.197	276	720384	9.448	ng		98

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

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