Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
Data File : BM044803.D
Acq On : 28 Mar 2024 21:03
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 29 01:14:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:06:23 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/29/2024
Supervised By :mohammad ahmed 03/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	89234	20.000	ng	0.00
21) Naphthalene-d8	10.451	136	336554	20.000	ng	0.00
39) Acenaphthene-d10	14.321	164	162309	20.000	ng	0.00
64) Phenanthrene-d10	17.080	188	269817	20.000	ng	0.00
76) Chrysene-d12	21.280	240	219685	20.000	ng	0.00
86) Perylene-d12	23.515	264	285684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	624378	100.212	ng	0.00
7) Phenol-d6	6.857	99	806757	99.824	ng	0.00
23) Nitrobenzene-d5	8.839	82	764862	102.450	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	177398	100.019	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	1304043	102.902	ng	0.00
79) Terphenyl-d14	19.721	244	1221112	94.200	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	122677	49.823	ng	99
3) Pyridine	3.657	79	355541	51.384	ng	99
4) n-Nitrosodimethylamine	3.575	42	183149	50.448	ng	97
6) Aniline	7.022	93	468016	49.723	ng	99
8) 2-Chlorophenol	7.240	128	311461	49.352	ng	96
9) Benzaldehyde	6.840	77	195092	46.423	ng	98
10) Phenol	6.881	94	398108	49.892	ng	98
11) bis(2-Chloroethyl)ether	7.122	93	307680	48.983	ng	98
12) 1,3-Dichlorobenzene	7.563	146	326406	49.506	ng	99
13) 1,4-Dichlorobenzene	7.710	146	328009	48.960	ng	98
14) 1,2-Dichlorobenzene	8.022	146	317795	49.206	ng	98
15) Benzyl Alcohol	7.922	79	270873	49.073	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.204	45	457491m	48.224	ng	
17) 2-Methylphenol	8.116	107	277163	49.203	ng	98
18) Hexachloroethane	8.734	117	130191	49.844	ng	97
19) n-Nitroso-di-n-propyla...	8.486	70	235572	48.169	ng	98
20) 3+4-Methylphenols	8.445	107	374273	49.169	ng	99
22) Acetophenone	8.504	105	457354	50.105	ng	99
24) Nitrobenzene	8.881	77	370755	50.837	ng	99
25) Isophorone	9.404	82	591356	49.122	ng	100
26) 2-Nitrophenol	9.581	139	167282	52.037	ng	96
27) 2,4-Dimethylphenol	9.639	122	263102	49.850	ng	98
28) bis(2-Chloroethoxy)met...	9.886	93	373261	49.320	ng	99
29) 2,4-Dichlorophenol	10.110	162	260004	50.760	ng	98
30) 1,2,4-Trichlorobenzene	10.316	180	271516	50.372	ng	100
31) Naphthalene	10.504	128	919637	49.745	ng	99
32) Benzoic acid	9.786	122	196538	49.607	ng	100
33) 4-Chloroaniline	10.628	127	380857	49.984	ng	99
34) Hexachlorobutadiene	10.769	225	159619	49.875	ng	98
35) Caprolactam	11.427	113	73639	49.345	ng	98
36) 4-Chloro-3-methylphenol	11.751	107	258371	48.508	ng	99
37) 2-Methylnaphthalene	12.122	142	589355	48.582	ng	98
38) 1-Methylnaphthalene	12.345	142	546726	48.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.492	216	264132	52.032	ng	99
41) Hexachlorocyclopentadiene	12.457	237	151075	55.452	ng	99
43) 2,4,6-Trichlorophenol	12.745	196	176838	52.051	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	202349	51.717	ng	99
46) 1,1'-Biphenyl	13.151	154	672225	51.177	ng	99
47) 2-Chloronaphthalene	13.192	162	512998	51.921	ng	99
48) 2-Nitroaniline	13.410	65	180149	52.640	ng	98
49) Acenaphthylene	14.045	152	802607	51.253	ng	100
50) Dimethylphthalate	13.792	163	559452	49.019	ng	99
51) 2,6-Dinitrotoluene	13.921	165	126239	51.039	ng	98
52) Acenaphthene	14.386	154	471833	50.931	ng	98
53) 3-Nitroaniline	14.251	138	148449	52.689	ng	99
54) 2,4-Dinitrophenol	14.463	184	68429	47.582	ng	97
55) Dibenzofuran	14.721	168	728923	50.149	ng	99
56) 4-Nitrophenol	14.557	139	113653	52.415	ng	99
57) 2,4-Dinitrotoluene	14.710	165	160242	51.636	ng	99
58) Fluorene	15.374	166	559869	50.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	141928	50.837	ng	98
60) Diethylphthalate	15.163	149	531117	49.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.374	204	261939	49.422	ng	98
62) 4-Nitroaniline	15.415	138	144639	53.456	ng	99
63) Azobenzene	15.668	77	600220	50.266	ng	99
65) 4,6-Dinitro-2-methylph...	15.474	198	89039	53.026	ng	94
66) n-Nitrosodiphenylamine	15.598	169	451321	50.458	ng	99
67) 4-Bromophenyl-phenylether	16.274	248	146382	49.558	ng	99
68) Hexachlorobenzene	16.374	284	158790	49.666	ng	97
69) Atrazine	16.557	200	120613	49.338	ng	98
70) Pentachlorophenol	16.727	266	112826	53.317	ng	97
71) Phenanthrene	17.121	178	757362	50.313	ng	100
72) Anthracene	17.209	178	779880	51.293	ng	99
73) Carbazole	17.492	167	709239	52.239	ng	99
74) Di-n-butylphthalate	18.062	149	745920	50.027	ng	100
75) Fluoranthene	19.145	202	785810	52.298	ng	100
77) Benzidine	19.351	184	226034	47.720	ng	99
78) Pyrene	19.509	202	832781	47.572	ng	99
80) Butylbenzylphthalate	20.427	149	308085	48.390	ng	97
81) Benzo(a)anthracene	21.262	228	762382	49.786	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	272762	51.367	ng	99
83) Chrysene	21.315	228	736280	50.166	ng	99
84) Bis(2-ethylhexyl)phtha...	21.203	149	417763	48.139	ng	100
85) Di-n-octyl phthalate	22.092	149	723906	49.295	ng	100
87) Indeno(1,2,3-cd)pyrene	25.768	276	1086473	50.065	ng	100
88) Benzo(b)fluoranthene	22.844	252	826838	51.075	ng	99
89) Benzo(k)fluoranthene	22.886	252	780490	48.012	ng	99
90) Benzo(a)pyrene	23.415	252	812320	49.445	ng	99
91) Dibenzo(a,h)anthracene	25.785	278	892490	49.658	ng	98
92) Benzo(g,h,i)perylene	26.456	276	929483	49.706	ng	99

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

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