Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
Data File : BM045733.D
Acq On : 14 May 2024 16:07
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 15 01:37:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 01:27:35 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	83530	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	383172	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	293798	20.000	ng	0.00
64) Phenanthrene-d10	16.957	188	712289	20.000	ng	0.00
76) Chrysene-d12	21.174	240	487335	20.000	ng	0.00
86) Perylene-d12	23.974	264	435779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	635406	122.460	ng	0.00
7) Phenol-d6	6.851	99	776566	124.851	ng	0.00
23) Nitrobenzene-d5	8.745	82	1082273	119.845	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	562217	130.574	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	2742795	126.687	ng	0.00
79) Terphenyl-d14	19.598	244	6130345	123.199	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	92946	58.124	ng	97
3) Pyridine	3.616	79	353012m	62.089	ng	
4) n-Nitrosodimethylamine	3.511	42	208173	60.502	ng	99
6) Aniline	6.957	93	303371	57.640	ng	100
8) 2-Chlorophenol	7.181	128	290482	60.851	ng	98
9) Benzaldehyde	6.752	77	229438	50.655	ng	98
10) Phenol	6.881	94	357241	60.977	ng	100
11) bis(2-Chloroethyl)ether	7.034	93	287196	57.924	ng	99
12) 1,3-Dichlorobenzene	7.463	146	373379	60.596	ng	97
13) 1,4-Dichlorobenzene	7.610	146	383495	60.905	ng	98
14) 1,2-Dichlorobenzene	7.928	146	351736	61.045	ng	97
15) Benzyl Alcohol	7.869	79	358706	62.400	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.116	45	291863m	58.395	ng	
17) 2-Methylphenol	8.093	107	258704	63.145	ng	98
18) Hexachloroethane	8.640	117	172882	61.512	ng	97
19) n-Nitroso-di-n-propyla...	8.410	70	312687	65.597	ng	96
20) 3+4-Methylphenols	8.422	107	382887	64.366	ng	94
22) Acetophenone	8.416	105	580510	60.863	ng	97
24) Nitrobenzene	8.787	77	504701	58.159	ng	99
25) Isophorone	9.328	82	774922	60.833	ng	98
26) 2-Nitrophenol	9.487	139	185207	63.356	ng	96
27) 2,4-Dimethylphenol	9.598	122	223056	61.266	ng	97
28) bis(2-Chloroethoxy)met...	9.792	93	438838	61.057	ng	100
29) 2,4-Dichlorophenol	10.034	162	332019	63.442	ng	98
30) 1,2,4-Trichlorobenzene	10.204	180	385828	60.761	ng	97
31) Naphthalene	10.392	128	1192396	62.172	ng	99
32) Benzoic acid	9.863	122	231793	65.850	ng	97
33) 4-Chloroaniline	10.557	127	428089	61.852	ng	98
34) Hexachlorobutadiene	10.681	225	255211	60.996	ng	99
35) Caprolactam	11.445	113	109987m	65.695	ng	
36) 4-Chloro-3-methylphenol	11.722	107	428242	65.395	ng	99
37) 2-Methylnaphthalene	12.010	142	903225	63.947	ng	99
38) 1-Methylnaphthalene	12.233	142	889840	64.187	ng	100
40) 1,2,4,5-Tetrachloroben...	12.375	216	459964	58.621	ng	99
41) Hexachlorocyclopentadiene	12.369	237	205571	59.418	ng	100
43) 2,4,6-Trichlorophenol	12.657	196	312235	61.279	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.745	196	359594	62.544	ng	99
46)	1,1'-Biphenyl	13.039	154	1274278	61.426	ng	98
47)	2-Chloronaphthalene	13.075	162	980534	60.973	ng	100
48)	2-Nitroaniline	13.328	65	353536	62.436	ng	100
49)	Acenaphthylene	13.933	152	1634512	63.991	ng	100
50)	Dimethylphthalate	13.710	163	1328131	61.681	ng	100
51)	2,6-Dinitrotoluene	13.816	165	294650	62.676	ng	100
52)	Acenaphthene	14.275	154	1003479	63.966	ng	99
53)	3-Nitroaniline	14.175	138	294974	63.921	ng	93
54)	2,4-Dinitrophenol	14.351	184	176983	62.019	ng	96
55)	Dibenzofuran	14.610	168	1724562	64.454	ng	100
56)	4-Nitrophenol	14.551	139	266825	67.483	ng	97
57)	2,4-Dinitrotoluene	14.604	165	490844	67.657	ng	97
58)	Fluorene	15.263	166	1614614	66.645	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.863	232	348639	63.706	ng	99
60)	Diethylphthalate	15.074	149	1593520	63.256	ng	99
61)	4-Chlorophenyl-phenyle...	15.263	204	776692	65.019	ng	99
62)	4-Nitroaniline	15.351	138	339291	67.696	ng	97
63)	Azobenzene	15.557	77	1570138	61.512	ng	99
65)	4,6-Dinitro-2-methylph...	15.363	198	264025	61.794	ng	97
66)	n-Nitrosodiphenylamine	15.492	169	1182085	65.479	ng	99
67)	4-Bromophenyl-phenylether	16.157	248	445311	64.287	ng	100
68)	Hexachlorobenzene	16.257	284	530574	62.925	ng	98
69)	Atrazine	16.469	200	340958	59.263	ng	98
70)	Pentachlorophenol	16.627	266	359689	67.816	ng	99
71)	Phenanthrene	16.998	178	2329548	64.655	ng	99
72)	Anthracene	17.086	178	2271619	65.824	ng	100
73)	Carbazole	17.380	167	2213679	66.229	ng	100
74)	Di-n-butylphthalate	17.945	149	2911445	66.520	ng	100
75)	Fluoranthene	19.015	202	2913527	64.661	ng	99
77)	Benzidine	19.233	184	670495	59.342	ng	99
78)	Pyrene	19.380	202	2888479	65.591	ng	99
81)	Benzo(a)anthracene	21.156	228	2138341	64.424	ng	99
83)	Chrysene	21.215	228	1958536	63.955	ng	99
85)	Di-n-octyl phthalate	22.168	149	2298639	65.355	ng	98
87)	Indeno(1,2,3-cd)pyrene	27.091	276	1593988	61.911	ng	98
88)	Benzo(b)fluoranthene	23.103	252	2059266	66.239	ng	99
89)	Benzo(k)fluoranthene	23.162	252	1867703	66.491	ng	100
90)	Benzo(a)pyrene	23.845	252	1641437	65.803	ng	100
91)	Dibenzo(a,h)anthracene	27.150	278	1307498	62.041	ng	99
92)	Benzo(g,h,i)perylene	28.068	276	1430289	61.958	ng	99

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

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