Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
Data File : BM044799.D
Acq On : 28 Mar 2024 18:36
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 29 01:07:28 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 :
SSTDICC005

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	7.681	152	89057	20.000	ng		0.00
21) Naphthalene-d8	10.457	136	343326	20.000	ng		0.00
39) Acenaphthene-d10	14.321	164	184251	20.000	ng		0.00
64) Phenanthrene-d10	17.080	188	322874	20.000	ng		0.00
76) Chrysene-d12	21.274	240	234994	20.000	ng		0.00
86) Perylene-d12	23.515	264	290378	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	61617	9.909	ng		0.00
7) Phenol-d6	6.857	99	75180	9.321	ng		0.00
23) Nitrobenzene-d5	8.839	82	70896	9.309	ng		0.00
42) 2,4,6-Tribromophenol	15.821	330	18988	9.431	ng		0.00
45) 2-Fluorobiphenyl	12.939	172	141234	9.818	ng		0.00
79) Terphenyl-d14	19.721	244	136918	9.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	12428	5.057	ng		98
3) Pyridine	3.675	79	30620	4.434	ng		97
4) n-Nitrosodimethylamine	3.587	42	18309	5.053	ng	#	98
6) Aniline	7.022	93	43897	4.673	ng		99
8) 2-Chlorophenol	7.245	128	30385	4.824	ng		95
9) Benzaldehyde	6.840	77	22323	5.322	ng		97
10) Phenol	6.881	94	37075	4.656	ng		97
11) bis(2-Chloroethyl)ether	7.122	93	30068	4.796	ng		96
12) 1,3-Dichlorobenzene	7.563	146	32342	4.915	ng		99
13) 1,4-Dichlorobenzene	7.716	146	33422	4.999	ng		97
14) 1,2-Dichlorobenzene	8.022	146	32072	4.976	ng		98
15) Benzyl Alcohol	7.928	79	25265m	4.586	ng		
16) 2,2'-oxybis(1-Chloropr...	8.204	45	47071	4.972	ng		97
17) 2-Methylphenol	8.122	107	26732	4.755	ng		97
18) Hexachloroethane	8.733	117	12808	4.913	ng		95
19) n-Nitroso-di-n-propyla...	8.486	70	23112	4.735	ng		98
20) 3+4-Methylphenols	8.451	107	34461	4.536	ng		98
22) Acetophenone	8.510	105	44517	4.781	ng	#	99
24) Nitrobenzene	8.881	77	34352	4.617	ng		98
25) Isophorone	9.404	82	58240	4.742	ng		99
26) 2-Nitrophenol	9.586	139	14414	4.395	ng		97
27) 2,4-Dimethylphenol	9.645	122	25437	4.725	ng		98
28) bis(2-Chloroethoxy)met...	9.892	93	36732	4.758	ng	#	98
29) 2,4-Dichlorophenol	10.122	162	23139	4.428	ng		98
30) 1,2,4-Trichlorobenzene	10.322	180	26697	4.855	ng		97
31) Naphthalene	10.504	128	91969	4.877	ng		98
33) 4-Chloroaniline	10.639	127	35422	4.557	ng		97
34) Hexachlorobutadiene	10.775	225	16606	5.086	ng		95
35) Caprolactam	11.439	113	6259	4.111	ng		93
36) 4-Chloro-3-methylphenol	11.757	107	25079	4.616	ng		97
37) 2-Methylnaphthalene	12.127	142	61128	4.940	ng		97
38) 1-Methylnaphthalene	12.345	142	57543	4.989	ng		98
40) 1,2,4,5-Tetrachloroben...	12.492	216	27619	4.793	ng		99
41) Hexachlorocyclopentadiene	12.463	237	12070	3.903	ng		98
43) 2,4,6-Trichlorophenol	12.751	196	17438	4.521	ng		97
44) 2,4,5-Trichlorophenol	12.821	196	20498	4.615	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.151	154	73016	4.897	ng		98
47)	2-Chloronaphthalene	13.192	162	53292	4.751	ng		97
48)	2-Nitroaniline	13.416	65	16970	4.368	ng		98
49)	Acenaphthylene	14.045	152	85103	4.787	ng		100
50)	Dimethylphthalate	13.792	163	64417	4.972	ng		97
51)	2,6-Dinitrotoluene	13.921	165	12384	4.411	ng		95
52)	Acenaphthene	14.386	154	50337	4.786	ng		94
53)	3-Nitroaniline	14.257	138	13364	4.178	ng	#	99
55)	Dibenzofuran	14.727	168	81647	4.948	ng		98
57)	2,4-Dinitrotoluene	14.715	165	15387	4.368	ng	#	90
58)	Fluorene	15.380	166	62104	4.898	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.957	232	14487	4.571	ng		99
60)	Diethylphthalate	15.163	149	59398	4.883	ng		97
61)	4-Chlorophenyl-phenyle...	15.380	204	30595	5.085	ng		95
62)	4-Nitroaniline	15.421	138	12137m	3.951	ng		
63)	Azobenzene	15.674	77	64094	4.728	ng		96
66)	n-Nitrosodiphenylamine	15.598	169	49445	4.620	ng		99
67)	4-Bromophenyl-phenylether	16.274	248	17137	4.848	ng		98
68)	Hexachlorobenzene	16.374	284	18448	4.822	ng	#	86
69)	Atrazine	16.562	200	13675	4.675	ng		97
70)	Pentachlorophenol	16.733	266	10117	3.995	ng		93
71)	Phenanthrene	17.121	178	87822	4.875	ng		98
72)	Anthracene	17.215	178	85227	4.684	ng		98
73)	Carbazole	17.498	167	73688	4.536	ng		99
74)	Di-n-butylphthalate	18.062	149	85821	4.810	ng		100
75)	Fluoranthene	19.145	202	86932	4.835	ng		97
77)	Benzidine	19.356	184	24771	4.889	ng		98
78)	Pyrene	19.509	202	88897	4.747	ng		98
80)	Butylbenzylphthalate	20.427	149	32397	4.757	ng		99
81)	Benzo(a)anthracene	21.262	228	80890	4.938	ng		98
82)	3,3'-Dichlorobenzidine	21.209	252	26791	4.717	ng		99
83)	Chrysene	21.315	228	76968	4.903	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.203	149	47743	5.143	ng		99
85)	Di-n-octyl phthalate	22.091	149	81629	5.197	ng		96
87)	Indeno(1,2,3-cd)pyrene	25.768	276	106229	4.816	ng		98
88)	Benzo(b)fluoranthene	22.844	252	80122	4.869	ng	#	95
89)	Benzo(k)fluoranthene	22.886	252	78773	4.767	ng	#	96
90)	Benzo(a)pyrene	23.415	252	81308	4.869	ng	#	94
91)	Dibenzo(a,h)anthracene	25.791	278	88775	4.860	ng		97
92)	Benzo(g,h,i)perylene	26.462	276	93294	4.908	ng		96

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

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