Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041890.D
Acq On : 18 Sep 2023 11:25
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Sep 18 15:25:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 15:23:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	290261	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1316699	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	868687	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1926498	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1795353	20.000	ng		0.00
86) Perylene-d12	23.962	264	1922710	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	177459	10.157	ng		0.00
7) Phenol-d6	7.104	99	240766	10.090	ng		0.00
23) Nitrobenzene-d5	9.157	82	243087	8.812	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	102398	7.591	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	598333	9.295	ng		0.00
79) Terphenyl-d14	19.974	244	936175	9.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	36747	4.965	ng		98
3) Pyridine	3.822	79	108145	5.415	ng		97
4) n-Nitrosodimethylamine	3.746	42	51177	5.504	ng	#	99
6) Aniline	7.298	93	153945	5.347	ng		99
8) 2-Chlorophenol	7.522	128	96211	5.251	ng		96
10) Phenol	7.134	94	122856	5.290	ng		98
11) bis(2-Chloroethyl)ether	7.398	93	102775	5.476	ng		99
12) 1,3-Dichlorobenzene	7.845	146	103157	5.095	ng		99
13) 1,4-Dichlorobenzene	8.004	146	106761	5.218	ng		98
14) 1,2-Dichlorobenzene	8.316	146	102775	5.210	ng		99
15) Benzyl Alcohol	8.216	79	89923	5.246	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	159310	6.771	ng		100
17) 2-Methylphenol	8.392	107	87514	5.240	ng		98
18) Hexachloroethane	9.034	117	39362	5.061	ng		97
19) n-Nitroso-di-n-propyla...	8.769	70	87584	5.270	ng		96
20) 3+4-Methylphenols	8.722	107	117001	5.092	ng		96
22) Acetophenone	8.804	105	157526	4.612	ng	#	99
24) Nitrobenzene	9.198	77	119762	4.354	ng		98
25) Isophorone	9.710	82	240092	4.725	ng		99
26) 2-Nitrophenol	9.898	139	50114	4.168	ng		99
27) 2,4-Dimethylphenol	9.933	122	97887	4.986	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	143556	4.840	ng		98
29) 2,4-Dichlorophenol	10.416	162	91616	4.324	ng		98
30) 1,2,4-Trichlorobenzene	10.633	180	99065	4.252	ng		98
31) Naphthalene	10.833	128	324022	4.726	ng		100
32) Benzoic acid	9.998	122	62143	3.930	ng		95
33) 4-Chloroaniline	10.963	127	140694	4.836	ng		98
34) Hexachlorobutadiene	11.063	225	60482	3.961	ng		98
35) Caprolactam	11.763	113	31152	4.642	ng		90
36) 4-Chloro-3-methylphenol	12.051	107	104888	4.626	ng		94
37) 2-Methylnaphthalene	12.439	142	238036	4.765	ng		99
38) 1-Methylnaphthalene	12.657	142	224721	4.768	ng		98
40) 1,2,4,5-Tetrachloroben...	12.786	216	116765	4.160	ng		100
41) Hexachlorocyclopentadiene	12.739	237	55859	4.184	ng		97
43) 2,4,6-Trichlorophenol	13.039	196	76797	4.084	ng		99
44) 2,4,5-Trichlorophenol	13.104	196	90851	4.164	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.445	154	314770	4.791	ng	99
47) 2-Chloronaphthalene	13.492	162	226624	4.518	ng	99
48) 2-Nitroaniline	13.721	65	71419	4.323	ng	100
49) Acenaphthylene	14.339	152	377941	4.637	ng	99
50) Dimethylphthalate	14.068	163	314587	4.642	ng	99
51) 2,6-Dinitrotoluene	14.210	165	61140	4.222	ng	99
52) Acenaphthene	14.674	154	228404	4.682	ng	99
53) 3-Nitroaniline	14.551	138	67088	4.574	ng	96
55) Dibenzofuran	15.010	168	380529	4.675	ng	99
56) 4-Nitrophenol	14.827	139	51914	4.643	ng	98
57) 2,4-Dinitrotoluene	14.992	165	77391	3.914	ng	96
58) Fluorene	15.662	166	302282	4.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	75265	4.076	ng	96
60) Diethylphthalate	15.415	149	314333	4.647	ng	97
61) 4-Chlorophenyl-phenyle...	15.651	204	151477	4.321	ng	96
62) 4-Nitroaniline	15.710	138	63537	4.718	ng	97
63) Azobenzene	15.945	77	312996	4.603	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	41195	3.373	ng	98
66) n-Nitrosodiphenylamine	15.874	169	266283	4.706	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	91108	4.162	ng	96
68) Hexachlorobenzene	16.633	284	99393	4.178	ng	95
69) Atrazine	16.815	200	83534	5.160	ng	99
70) Pentachlorophenol	16.992	266	67500	4.013	ng	97
71) Phenanthrene	17.409	178	476447	4.705	ng	99
72) Anthracene	17.498	178	476499	4.633	ng	99
73) Carbazole	17.780	167	440734	4.799	ng	99
74) Di-n-butylphthalate	18.303	149	544847	4.700	ng	99
75) Fluoranthene	19.415	202	542291	4.490	ng	98
77) Benzidine	19.621	184	205633	9.060	ng	99
78) Pyrene	19.786	202	562911	4.420	ng	100
80) Butylbenzylphthalate	20.656	149	247713	4.760	ng	96
81) Benzo(a)anthracene	21.521	228	542554	4.427	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	190116	4.737	ng	99
83) Chrysene	21.580	228	516579	4.438	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	381067	5.092	ng	99
85) Di-n-octyl phthalate	22.333	149	651143	5.248	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	568709	4.568	ng	99
88) Benzo(b)fluoranthene	23.215	252	512259	4.466	ng	99
89) Benzo(k)fluoranthene	23.262	252	507629	4.385	ng	99
90) Benzo(a)pyrene	23.850	252	482532	4.416	ng	99
91) Dibenzo(a,h)anthracene	26.485	278	465264	4.440	ng	99
92) Benzo(g,h,i)perylene	27.250	276	458209	4.550	ng	99

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

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