Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
Data File : BM038444.D
Acq On : 12 Jan 2023 19:11
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jan 13 00:24:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 00:18:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.993	152	100197	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	381910	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	258841	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	625231	20.000	ng		0.00
76) Chrysene-d12	21.545	240	676261	20.000	ng		0.00
86) Perylene-d12	23.968	264	652970	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	652362	107.934	ng		0.00
7) Phenol-d6	7.163	99	951899	119.911	ng		0.00
23) Nitrobenzene-d5	9.175	82	1076144	123.405	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	481731	122.167	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	2490562	121.079	ng		0.00
79) Terphenyl-d14	19.980	244	4166823	116.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	139933	49.185	ng		99
3) Pyridine	3.816	79	467711	60.424	ng		98
4) n-Nitrosodimethylamine	3.728	42	282285	76.550	ng		98
6) Aniline	7.328	93	610842	60.322	ng		98
8) 2-Chlorophenol	7.557	128	352427	55.754	ng		98
9) Benzaldehyde	7.134	77	299229	52.643	ng		99
10) Phenol	7.187	94	494691	60.017	ng		99
11) bis(2-Chloroethyl)ether	7.422	93	405115	59.882	ng		98
12) 1,3-Dichlorobenzene	7.881	146	357186	51.182	ng		98
13) 1,4-Dichlorobenzene	8.028	146	365302	51.882	ng		99
14) 1,2-Dichlorobenzene	8.345	146	360654	52.336	ng		99
15) Benzyl Alcohol	8.245	79	406517	68.317	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	600688	63.382	ng		99
17) 2-Methylphenol	8.440	107	333035	57.422	ng		99
18) Hexachloroethane	9.075	117	158317	58.144	ng		94
19) n-Nitroso-di-n-propyla...	8.816	70	387321	67.423	ng		98
20) 3+4-Methylphenols	8.775	107	456451	58.876	ng		98
22) Acetophenone	8.828	105	627188	58.067	ng		99
24) Nitrobenzene	9.216	77	551220	60.869	ng		98
25) Isophorone	9.739	82	970543	61.908	ng		99
26) 2-Nitrophenol	9.922	139	194580	55.088	ng		98
27) 2,4-Dimethylphenol	9.981	122	326269	55.377	ng		98
28) bis(2-Chloroethoxy)met...	10.216	93	534935	58.544	ng		99
29) 2,4-Dichlorophenol	10.457	162	358959	55.798	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	399580	54.004	ng		99
31) Naphthalene	10.857	128	1101424	54.277	ng		99
32) Benzoic acid	10.157	122	266788	60.129	ng		95
33) 4-Chloroaniline	10.975	127	494059	57.158	ng		99
34) Hexachlorobutadiene	11.128	225	271146	56.426	ng		98
35) Caprolactam	11.798	113	105758	56.394	ng	#	89
36) 4-Chloro-3-methylphenol	12.092	107	404688	59.604	ng		99
37) 2-Methylnaphthalene	12.463	142	847058	58.200	ng		99
38) 1-Methylnaphthalene	12.680	142	786108	57.357	ng		100
40) 1,2,4,5-Tetrachloroben...	12.828	216	516767	54.051	ng		99
41) Hexachlorocyclopentadiene	12.798	237	306302	58.598	ng		100
43) 2,4,6-Trichlorophenol	13.069	196	344783	55.121	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	400265	54.928	ng	98
46) 1,1'-Biphenyl	13.463	154	1131479	55.375	ng	99
47) 2-Chloronaphthalene	13.510	162	867487	53.786	ng	99
48) 2-Nitroaniline	13.722	65	352074	64.980	ng	97
49) Acenaphthylene	14.351	152	1393860	54.753	ng	99
50) Dimethylphthalate	14.092	163	1161463	56.373	ng	100
51) 2,6-Dinitrotoluene	14.216	165	235873	54.313	ng	98
52) Acenaphthene	14.692	154	862041	56.158	ng	99
53) 3-Nitroaniline	14.545	138	245726	55.346	ng	97
54) 2,4-Dinitrophenol	14.751	184	172113	57.282	ng	95
55) Dibenzofuran	15.027	168	1450580	56.765	ng	98
56) 4-Nitrophenol	14.851	139	198012	55.439	ng	95
57) 2,4-Dinitrotoluene	15.004	165	345435	58.437	ng	91
58) Fluorene	15.674	166	1310608	62.298	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	350390	56.818	ng	98
60) Diethylphthalate	15.445	149	1235690	60.238	ng	99
61) 4-Chlorophenyl-phenyle...	15.663	204	690687	62.370	ng	98
62) 4-Nitroaniline	15.710	138	263553	57.967	ng	96
63) Azobenzene	15.957	77	1389506	65.118	ng	97
65) 4,6-Dinitro-2-methylph...	15.763	198	238608	56.213	ng	96
66) n-Nitrosodiphenylamine	15.880	169	1047816	55.593	ng	98
67) 4-Bromophenyl-phenylether	16.557	248	405828	57.697	ng	98
68) Hexachlorobenzene	16.674	284	431110	55.324	ng	93
69) Atrazine	16.833	200	365778	56.481	ng	98
70) Pentachlorophenol	17.015	266	330142	58.267	ng	98
71) Phenanthrene	17.410	178	1964479	56.301	ng	99
72) Anthracene	17.504	178	2044773	57.305	ng	100
73) Carbazole	17.774	167	1749524	55.747	ng	100
74) Di-n-butylphthalate	18.321	149	2239507	62.491	ng	99
75) Fluoranthene	19.421	202	2452859	56.854	ng	99
77) Benzidine	19.604	184	804677	41.666	ng	99
78) Pyrene	19.786	202	2576354	54.268	ng	100
80) Butylbenzylphthalate	20.668	149	1025110	59.090	ng	93
81) Benzo(a)anthracene	21.527	228	2645761	54.241	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	864594	53.107	ng	99
83) Chrysene	21.580	228	2497113	52.341	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1570810	64.793	ng	99
85) Di-n-octyl phthalate	22.368	149	2551616	59.106	ng	97
87) Indeno(1,2,3-cd)pyrene	26.521	276	2394335	50.076	ng	99
88) Benzo(b)fluoranthene	23.227	252	2295468	56.512	ng	99
89) Benzo(k)fluoranthene	23.280	252	2442995	57.958	ng	100
90) Benzo(a)pyrene	23.868	252	2222982	55.732	ng	99
91) Dibenzo(a,h)anthracene	26.532	278	2043540	51.776	ng	100
92) Benzo(g,h,i)perylene	27.303	276	1835850	45.900	ng	98

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

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