Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122822\
Data File : BM038328.D
Acq On : 28 Dec 2022 10:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Dec 29 03:09:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 01:33:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	69637	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	253948	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	160045	20.000	ng		0.00
64) Phenanthrene-d10	17.380	188	379934	20.000	ng		0.00
76) Chrysene-d12	21.550	240	437055	20.000	ng		-0.01
86) Perylene-d12	23.991	264	479905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	356095	84.771	ng		0.00
7) Phenol-d6	7.175	99	453006	82.108	ng		0.00
23) Nitrobenzene-d5	9.187	82	477455	82.340	ng		0.00
42) 2,4,6-Tribromophenol	16.127	330	209912	86.095	ng		0.00
45) 2-Fluorobiphenyl	13.269	172	1028908	80.898	ng		0.00
79) Terphenyl-d14	19.992	244	1921402	83.100	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	81132	41.032	ng		100
3) Pyridine	3.828	79	235256	43.730	ng		98
4) n-Nitrosodimethylamine	3.734	42	113608	44.328	ng		97
6) Aniline	7.334	93	289152	41.085	ng		99
8) 2-Chlorophenol	7.569	128	183630	41.799	ng		98
9) Benzaldehyde	7.146	77	163045	41.273	ng		99
10) Phenol	7.198	94	236735	41.325	ng		98
11) bis(2-Chloroethyl)ether	7.434	93	191412	40.710	ng		99
12) 1,3-Dichlorobenzene	7.898	146	195308	40.268	ng		99
13) 1,4-Dichlorobenzene	8.045	146	196657	40.187	ng		99
14) 1,2-Dichlorobenzene	8.363	146	194453	40.601	ng		98
15) Benzyl Alcohol	8.257	79	177709	42.971	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.545	45	265243	40.269	ng		97
17) 2-Methylphenol	8.457	107	164503	40.811	ng		98
18) Hexachloroethane	9.092	117	79337	41.925	ng		99
19) n-Nitroso-di-n-propyla...	8.822	70	166221	41.633	ng		96
20) 3+4-Methylphenols	8.787	107	223256	41.434	ng		99
22) Acetophenone	8.840	105	294803	41.047	ng	#	98
24) Nitrobenzene	9.228	77	247766	41.146	ng		99
25) Isophorone	9.751	82	423111	40.588	ng		99
26) 2-Nitrophenol	9.939	139	96669	41.159	ng		98
27) 2,4-Dimethylphenol	9.992	122	157881	40.300	ng		99
28) bis(2-Chloroethoxy)met...	10.234	93	250619	41.249	ng		99
29) 2,4-Dichlorophenol	10.475	162	177890	41.585	ng		99
30) 1,2,4-Trichlorobenzene	10.686	180	202413	41.141	ng		99
31) Naphthalene	10.875	128	548078	40.618	ng		100
32) Benzoic acid	10.122	122	114546	38.825	ng		100
33) 4-Chloroaniline	10.992	127	240930	41.918	ng		98
34) Hexachlorobutadiene	11.151	225	132651	41.515	ng		97
35) Caprolactam	11.781	113	51276	41.119	ng		91
36) 4-Chloro-3-methylphenol	12.110	107	186823	41.381	ng		99
37) 2-Methylnaphthalene	12.475	142	394103	40.722	ng		98
38) 1-Methylnaphthalene	12.692	142	373808	41.018	ng		100
40) 1,2,4,5-Tetrachloroben...	12.839	216	239754	40.557	ng		100
41) Hexachlorocyclopentadiene	12.816	237	136762	42.315	ng		98
43) 2,4,6-Trichlorophenol	13.080	196	158544	40.993	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	184875	41.031	ng	97
46) 1,1'-Biphenyl	13.480	154	510707	40.423	ng	98
47) 2-Chloronaphthalene	13.522	162	407284	40.841	ng	99
48) 2-Nitroaniline	13.733	65	140439	41.920	ng	98
49) Acenaphthylene	14.369	152	632448	40.179	ng	99
50) Dimethylphthalate	14.098	163	527230	41.386	ng	99
51) 2,6-Dinitrotoluene	14.227	165	112194	41.782	ng	96
52) Acenaphthene	14.704	154	387753	40.853	ng	100
53) 3-Nitroaniline	14.557	138	114226	41.609	ng	98
54) 2,4-Dinitrophenol	14.763	184	77097	39.350	ng	99
55) Dibenzofuran	15.039	168	643600	40.733	ng	99
56) 4-Nitrophenol	14.863	139	94133	42.624	ng	99
57) 2,4-Dinitrotoluene	15.010	165	155674	42.592	ng	97
58) Fluorene	15.686	166	537569	41.326	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.263	232	159138	41.735	ng	100
60) Diethylphthalate	15.451	149	535411	42.212	ng	100
61) 4-Chlorophenyl-phenyle...	15.674	204	288385	42.117	ng	98
62) 4-Nitroaniline	15.716	138	122767	43.670	ng	97
63) Azobenzene	15.969	77	567972	43.049	ng	99
65) 4,6-Dinitro-2-methylph...	15.769	198	108068	41.897	ng	96
66) n-Nitrosodiphenylamine	15.892	169	455109	39.736	ng	99
67) 4-Bromophenyl-phenylether	16.568	248	174983	40.939	ng	97
68) Hexachlorobenzene	16.686	284	192723	40.699	ng	97
69) Atrazine	16.839	200	165294	42.002	ng	98
70) Pentachlorophenol	17.033	266	144853	42.071	ng	97
71) Phenanthrene	17.427	178	856642	40.402	ng	100
72) Anthracene	17.515	178	891266	41.104	ng	99
73) Carbazole	17.786	167	781172	40.962	ng	99
74) Di-n-butylphthalate	18.339	149	943452	43.323	ng	99
75) Fluoranthene	19.433	202	1114357	42.506	ng	100
77) Benzidine	19.621	184	520355	41.691	ng	99
78) Pyrene	19.798	202	1191472	38.833	ng	99
80) Butylbenzylphthalate	20.680	149	459223	40.959	ng	98
81) Benzo(a)anthracene	21.539	228	1290068	40.923	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	441361	41.948	ng	98
83) Chrysene	21.592	228	1256030	40.736	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	679415	43.363	ng	99
85) Di-n-octyl phthalate	22.380	149	1203801	43.147	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	1446837	41.172	ng	99
88) Benzo(b)fluoranthene	23.244	252	1220588	40.886	ng	99
89) Benzo(k)fluoranthene	23.297	252	1279554	41.304	ng	99
90) Benzo(a)pyrene	23.886	252	1218400	41.562	ng	98
91) Dibenzo(a,h)anthracene	26.556	278	1207760	41.636	ng	100
92) Benzo(g,h,i)perylene	27.327	276	1185796	40.339	ng	100

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

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